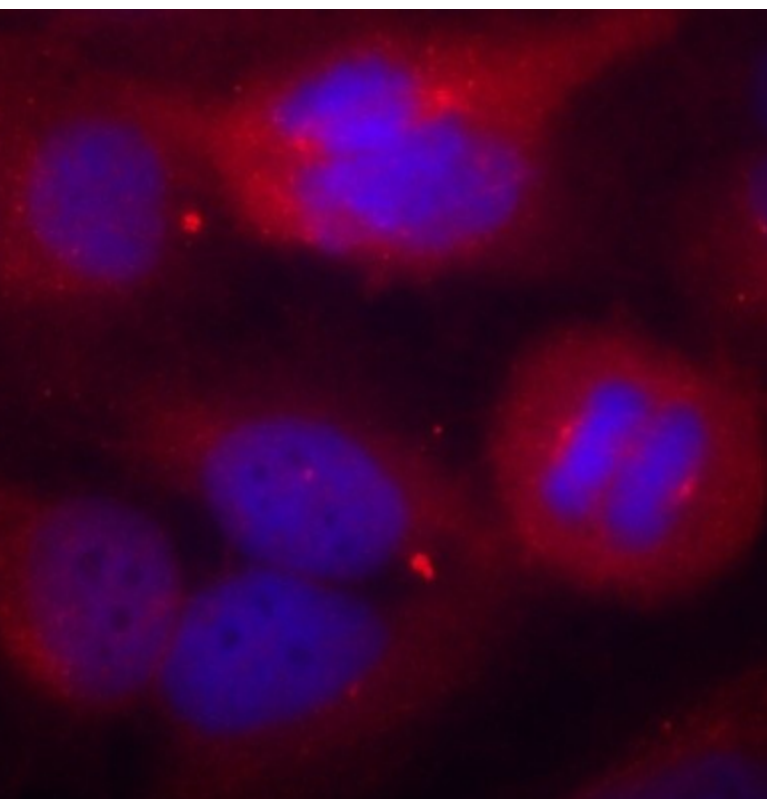


|                       |                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product name:</b>  | Phospho-TH (S40)                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Cat number:</b>    | ABP-0211                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Conjugate:</b>     | Unconjugated                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Size:</b>          | 100 ug                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Clone:</b>         | Poly                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Concentration:</b> | 1mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Host:</b>          | Rb                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Isotype:</b>       | IgG                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Immunogen:</b>     | A phospho specific peptide corresponding to residues surrounding Ser40 of human TH                                                                                                                                                                                                                                                                                                                                           |
| <b>Reactivity:</b>    | Hu, Ms, Rt                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Applications:</b>  | IF 1:100 - 1:200                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Purification:</b>  | Affinity Purified                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Form:</b>          | liquid                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Buffer:</b>        | PBS with 0.02% sodium azide, 50% glycerol, pH7.4                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Storage:</b>       | Store at -20°C. Avoid freeze / thaw cycles.                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Background:</b>    | <p>The protein encoded by this gene is involved in the conversion of tyrosine to dopamine. It is the rate-limiting enzyme in the synthesis of catecholamines, hence plays a key role in the physiology of adrenergic neurons. Mutations in this gene have been associated with autosomal recessive Segawa syndrome. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene.</p> |



Immunofluorescence staining of methanol-fixed HeLa cells using Phospho-TH-S40 antibody.