

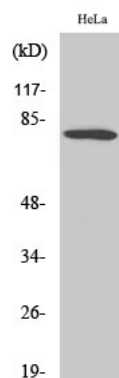


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|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product name:</b>     | FOXO1 Polyclonal Antibody                                                                                                                                                                                                                                                |
| <b>Cat number:</b>       | AB31466                                                                                                                                                                                                                                                                  |
| <b>Conjugate:</b>        | Unconjugated                                                                                                                                                                                                                                                             |
| <b>Host:</b>             | Rabbit                                                                                                                                                                                                                                                                   |
| <b>Size:</b>             | 100 ug                                                                                                                                                                                                                                                                   |
| <b>Synonyms:</b>         | FKH1;FKHR;FOXO1A;FOXO1                                                                                                                                                                                                                                                   |
| <b>Clone:</b>            | Polyclonal                                                                                                                                                                                                                                                               |
| <b>Concentration:</b>    | 1 mg/mL                                                                                                                                                                                                                                                                  |
| <b>Isotype:</b>          | IgG                                                                                                                                                                                                                                                                      |
| <b>Immunogen:</b>        | Synthesized peptide derived from human FoxO1 around the non-phosphorylation site of Ser319.                                                                                                                                                                              |
| <b>Reactivity:</b>       | Human;Mouse;Rat                                                                                                                                                                                                                                                          |
| <b>Applications:</b>     | Western Blot 1:500-1:2000<br>Immunohistochemistry: 1:100-1:300<br>Immunofluorescence: 1:200-1:1000                                                                                                                                                                       |
| <b>Molecular Weight:</b> | 78 kDa                                                                                                                                                                                                                                                                   |
| <b>Purification:</b>     | Affinity purification                                                                                                                                                                                                                                                    |
| <b>Background:</b>       | Transcription factor which acts as a regulator of cell responses to oxidative stress. In the presence of KIRT1, mediates down-regulation of cyclin D1 and up-regulation of CDKN1B levels which are required for cell transition from proliferative growth to quiescence. |
| <b>Buffer:</b>           | Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 0.5% protein protectant and 50% glycerol.                                                                                                                                                              |
| <b>Storage:</b>          | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.                                                                                                                                                                                                          |

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Western Blot analysis of Hela cells  
using FoxO1 Polyclonal Antibody at  
dilution of 1:500.

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