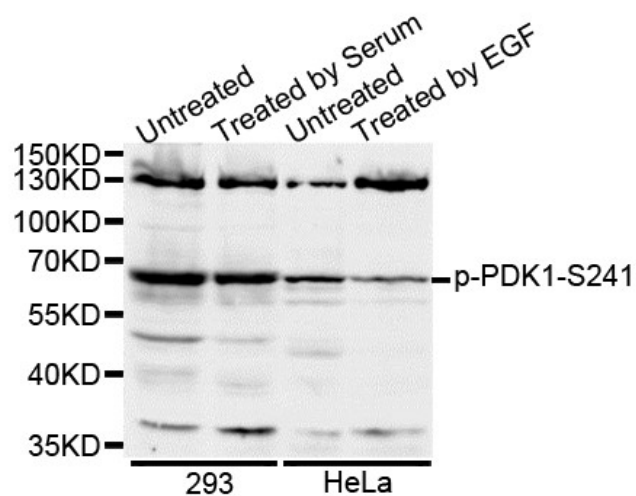


Product name:	Phospho-PDK1 (S241)
Cat number:	ABP-0477
Conjugate:	Unconjugated
Size:	100 ug
Clone:	Poly
Concentration:	1mg/ml
Host:	Rb
Isotype:	IgG
Immunogen:	A phospho specific peptide corresponding to residues surrounding S241 of human PDK1
Reactivity:	Hu, Ms, Rt
Applications:	Western Blot: 1:1000
Molecular Weight:	63kDa
Purification:	Affinity purified
Form:	liquid
Buffer:	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage:	Store at -20°C. Avoid freeze / thaw cycles
Background:	Phosphoinositide-dependent kinase 1 (PDK1, PDK1) is a serine/threonine protein kinase integral to the function of the PI 3-K/Akt signaling pathway. PDK1 and mTORC2 both phosphorylate and activate PKB/Akt, ensuring a cellular response to stimuli such as growth factors and insulin signaling. Akt is the main effector of PDK1.



Western blot analysis of extracts of various cell lines, using Phospho-PDK1-S241 antibody.