

## Product datasheet for **TA385524S**

### ULK3 Rabbit Monoclonal Antibody [Clone ID: R08-7J3]

#### Product data:

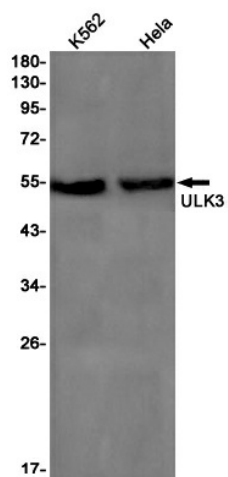
Product Type:	Primary Antibodies
Clone Name:	R08-7J3
Applications:	WB
Recommended Dilution:	WB: 1/1000-1/5000
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	A synthetic peptide of human ULK3
Formulation:	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Stability:	1 year
Predicted Protein Size:	Calculated MW: 53 kDa; Observed MW: 53 kDa
Gene Name:	unc-51 like kinase 3
Database Link:	<a href="#">Entrez Gene 25989 Human Q6PHR2</a>
Background:	Swiss-Prot Acc.Q6PHR2.Serine/threonine protein kinase that acts as a regulator of Sonic hedgehog (SHH) signaling and autophagy. Acts as a negative regulator of SHH signaling in the absence of SHH ligand: interacts with SUFU, thereby inactivating the protein kinase activity and preventing phosphorylation of GLI proteins (GLI1, GLI2 and/or GLI3). Positively regulates SHH signaling in the presence of SHH: dissociates from SUFU, autophosphorylates and mediates phosphorylation of GLI2, activating it and promoting its nuclear translocation. Phosphorylates in vitro GLI2, as well as GLI1 and GLI3, although less efficiently. Also acts as a regulator of autophagy: following cellular senescence, able to induce autophagy.



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Synonyms: DKFZP434C131; FLJ90566

### Product images:



Western blot analysis of ULK3 in K562, HeLa lysates using ULK3 antibody.