
ULK3 Recombinant Rabbit mAb

Catalog Number: bsm-61618R

Target Protein: ULK3

Form: Liquid

Host: Rabbit

Clonality: Recombinant

Isotype: IgG

Applications: WB (1:1000-1:2000), IHC-P (1:100-1:200), IHC-F (1:100-1:200), Flow-Cyt (1:20-1:100), ICC/IF (1:50-1:200), IF (1:50-1:200)

Reactivity: Human, Mouse, Rat

Predicted MW: 53

Detected MW: 53

Entrez Gene: 25989

Swiss Prot: Q6PHR2

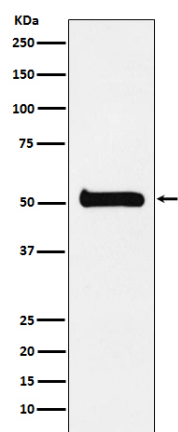
Purification: affinity purified by Protein A

Storage: 10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.

Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles.

Background: 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.

VALIDATION IMAGES



Western blot analysis of 293T cell lysate. Using ULK3 (bsm-61618R) monoclonal antibody at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.