

Product Data Sheet

Anti-ULK3 Antibody

Catalog #	Source	Reactivity	Applications
CPA4540	Rabbit	H, M, R	WB, IH
Description	Rabbit polyclonal antibody to ULK3		
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human ULK3. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of ULK3 protein.		
Clonality	Polyclonal		
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
Dilution	WB (1/500 - 1/1000), IH (1/100 - 1/200)		
Gene Symbol	ULK3		
Alternative Names	Serine/threonine-protein kinase ULK3; Unc-51-like kinase 3		
Entrez Gene	25989 (Human); 71742 (Mouse); 691171 (Rat)		
SwissProt	Q6PHR2 (Human); Q3U3Q1 (Mouse); D3ZHP7 (Rat)		
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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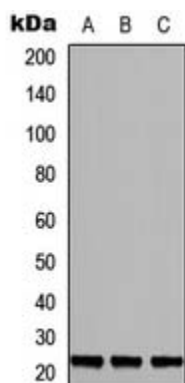
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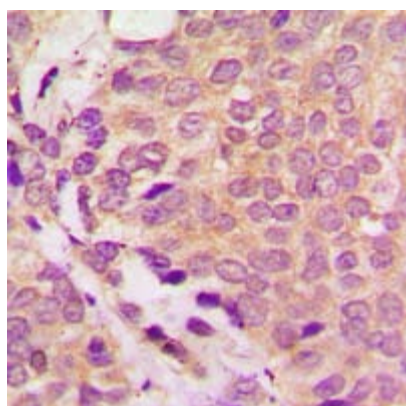
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Western blot analysis of ULK3 expression in SHSY5Y (A), 293T (B), NIH3T3 (C) whole cell lysates.



Immunohistochemical analysis of ULK3 staining in human prostate cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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