

## Goat anti-Ulk3 (mouse) Antibody

<b>Item Number</b>	dAP-2501
<b>Target Molecule</b>	Principle Name: Ulk3 (mouse); Official Symbol: Ulk3; All Names and Symbols: ULK3; unc-51-like kinase 3 (C. elegans); 1200015E14Rik; serine/threonine-protein kinase ULK3; Accession Number (s): NP_082171.1; Human Gene ID(s): ; Non-Human GeneID(s): 71742 (mouse) 691171 (rat)
<b>Immunogen</b>	KIRESHWEAESLDK, is from C Terminus
<b>Applications</b>	Pep ELISA, IHC Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 64000.
<b>Western Blot</b>	Western Blot: Preliminary experiments gave an approx 47kDa band in Rat Brain and Eye lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 5
<b>IHC</b>	Immunohistochemistry: Paraffin embedded Human Kidney. Recommended concentration: 5µg/ml.
<b>Reference</b>	Reference(s): Maloverjan A, Piirsoo M, Kasak L, Peil L, Østerlund T, Kogerman P. Dual function of UNC-51-like kinase 3 (Ulk3) in the Sonic hedgehog signaling pathway. J Biol Chem. 2010 Sep 24;285(39):30079-90..PMID: 20643644->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**