

## Goat anti-SMEK1 / KIAA2010 Antibody

<b>Item Number</b>	dAP-1161
<b>Target Molecule</b>	Principle Name: SMEK1 / KIAA2010; Official Symbol: SMEK1; All Names and Symbols: SMEK homolog 1, suppressor of mek1 (Dictyostelium); KIAA2010 ; FLFL1 ; MSTP033 ; smk-1 ; smk1; SMEK homolog 1, suppressor of mek1; Accession Number (s): NP_115949.3; Human Gene ID(s): 55671; Non-Human Gene-ID(s): 68734 (mouse) 314388 (rat)
<b>Immunogen</b>	EQQRERQDNPKLD, is from internal region
<b>Applications</b>	Pep ELISA, WB 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 16000.
<b>Western Blot</b>	Western Blot: Approx 110kDa band observed in Human Pancreas lysates (calculated MW of 93.9kDa according to NP_115949.3). In transfected HEK293 transiently expressing SMEK1 a band of approx. 95kDa is observed. This band is not observed in the non-transfec
<b>IHC</b>	
<b>Reference</b>	Reference(s): Panowski SH, Wolff S, Aguilaniu H, Durieux J, Dillin A. PHA-4/Foxa mediates diet-restriction-induced longevity of <i>C. elegans</i> . <i>Nature</i> . 2007 May 31;447(7144):550-5. Epub 2007 May 2..PMID: 17476212 ->

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**