

Goat anti-DUSP16 Antibody

Item Number	dAP-0420
Target Molecule	Principle Name: DUSP16; Official Symbol: DUSP16; All Names and Symbols: DUSP16; dual specificity phosphatase 16; MKP7; MKP-7; KIAA1700; MAPK phosphatase-7; MGC129701; MGC129702; Accession Number (s): NP_085143.1; Human Gene ID(s): 80824; Non-Human GenelD(s): 70686 (mouse)
Immunogen	AHEMIGTQIVTER, is from N Terminus
Applications	Pep ELISA, IHC Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 32000.
Western Blot	Western Blot: Preliminary experiments gave no signal but low background in Human Brain and Jurkat lysates at up to 1µg/ml. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates?
IHC	Immunohistochemistry: In paraffin embedded Human Placenta shows individual cells in branch villi very close to the surrounding lacuna. Recommended concentration, 2-4µg/ml.
Reference	Reference(s): Tanoue T, Yamamoto T, Maeda R, Nishida E. A Novel MAPK phosphatase MKP-7 acts preferentially on JNK/SAPK and p38 alpha and beta MAPKs. <i>J Biol Chem</i> 2001 Jul 13;276(28):26629-39. PMID: 11359773->

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**