



Goat anti-ERK3 / MAPK6 Antibody

Item Number	dAP-2864
Target Molecule	Principle Name: ERK3 / MAPK6; Official Symbol: Mapk6; All Names and Symbols: MAPK6; mitogen-activated protein kinase 6; ERK3; HsT17250; PRKM6; p97MAPK; ERK-3; MAP kinase 6; MAP kinase isoform p97; MAPK 6; extracellular signal-regulated kinase 3; extracellular signal-regulated kinase, p97; p97-MAPK; protein kinase, mitogen-activate; Accession Number (s): NP_002739.1; Human Gene ID(s): 5597; Non-Human GeneID(s): 50772 (mouse) 58840 (rat)
Immunogen	HSPVGSPLKSIQ, is from internal region (near C Terminus) Reported variants represent identical protein (NP_056621.4; NP_081694.1).
Applications	Pep ELISA, WB Trf, IP Species Tested: Mouse
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 128000.
Western Blot	Western Blot: In transfected HEK293 transiently expressing Mouse ERK3 / Mapk6 fused to GFP the band with expected size is intensified when co-expressed with MK5 as the stabilizer for ERK3. No bands are observed in transfected HEK293 with empty vector and
IHC	
Reference	Reference(s): Brand F, Schumacher S, Kant S, Menon MB, Simon R, Turgeon B, Britsch S, Meloche S, Gaestel M, Kotlyarov A. The extracellular signal-regulated kinase 3 (mitogen-activated protein kinase 6 [MAPK6])-MAPK-activated protein kinase 5 signaling complex regulates septin function and den-

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**