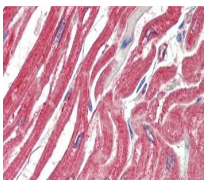
Product Datasheet

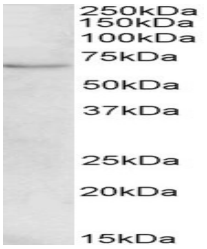
ERK3/MAPK6 Antibody (orb1248428)

Description	ERK3/MAPK6 Antibody
Species/Host	Goat
Reactivity	Human, Mouse
Conjugation	Unconjugated
Tested Applications	ELISA, IHC, IP, WB
Immunogen	The immunogen for this antibody is: C-HSPVGSPLKSIQ
Target	ERK3 / MAPK6
Preservatives	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Form/Appearance	Liquid
Concentration	500 ug/mL
Storage	Aliquot and store at -20°C. Minimize freezing and thawing.
Note	For research use only
Application notes	Peptide ELISA: antibody detection limit dilution 1:128000.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 the same band is observed using anti-GFP antibody. Data obtained from Dr. M. B. Menon, Inst. Biochemistry, Hannover Medical School, Germany. Recommended concentration, 0.5-1ug/ml.Immunohistochemistry:Paraffin embedded Human Heart. Recommended concentration: 10ug/ml.Immunoprecipitation: MK5/ERK3 double knockout Mouse Embryonic Fibroblasts (MEFs) retrovirally transduced with MK5/ERK3 or empty vector (GFP) were lysed from confluent plates and used for IP with 1.5ug EB11926. Western blots of the IP were labelled with rabbit anti-ERK3 serum (CST) or with mouse anti-MK5 (SC). An approx 100kDa of ERK3 is only precipitated from lysates of those KO MEFs that have been rescued by the ERK3/MK5 expression construct as described in as described in PMID: 22508986. Data obtained from Dr. M. B. Menon, Inst. Biochemistry, Hannover Medical School, Germany.
Clonality	Polyclonal
Uniprot ID	Q16659



HEK293 lysate (10 ug protein in RIPA buf...

orb1248428 (1.5 ug) immunoprecipitation ...



orb1248428 (10 ug/ml) staining of paraff...

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