

Goat anti-KEO4 / ERLIN1 Antibody

Item Number	dAP-1835
Target Molecule	Principle Name: KEO4 / ERLIN1; Official Symbol: ERLIN1; All Names and Symbols: ERLIN1; ER lipid raft associated 1; C10orf69; Erlin-1; KE04; KEO4; SPFH1; Band_7 23-211 Keo4 (Interim) similar to C.elegans protein C42C1.9; OTTHUMP0000059425; SPFH domain family, member 1; Accession Number (s): NP_006450.2; Human Gene ID(s): 10613; Non-Human GeneID(s):
Immunogen	EALEPSGENVIQNKE, is from C Terminus Reported variants represent identical protein: NP_006450.2, NP_001094096.1
Applications	Pep ELISA, WB 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 8000.
Western Blot	Western Blot: Approx 38kDa band observed in Human Placenta lysates (calculated MW of 39.2kDa according to NP_006450.2). Recommended concentration: 0.3-1µg/ml.
IHC	
Reference	Reference(s): Browman DT, Resek ME, Zajchowski LD, Robbins SM, Erlin-1 and erlin-2 are novel members of the prohibitin family of proteins that define lipid-raft-like domains of the ER. Journal of cell science 2006 Aug 119 (Pt 15): 3149-60. PMID: 16835267->

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 end users! This product is sold for **Research Use Only**