

Goat anti-BAP / SIL1 Antibody

Item Number	dAP-0233
Target Molecule	Principle Name: BAP / SIL1; Official Symbol: SIL1; All Names and Symbols: SIL1; BAP; endoplasmic reticulum chaperone SIL1, homolog of yeast; BiP-associated protein; SIL1 homolog, endoplasmic reticulum chaperone (<i>S. cerevisiae</i>); MSS; ULG5; SIL1 protein; Accession Number (s): NP_071909.1; NP_001032722.1; Human Gene ID(s): 64374; Non-Human GeneID(s):
Immunogen	ELLGSVNSLLKELR, is from C Terminus Variants (NP_071909.1; NP_001032722.1) encode the same isoform.
Applications	Pep ELISA, WB, 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 8000.
Western Blot	Western Blot: Approx 55-60 kDa band observed in Human Liver and Kidney extracts (predicted MW of 53kDa according to NP_071909.1). Recommended concentration: 1-2µg/ml.
IHC	Immunohistochemistry: Paraffin embedded Human Liver and Testis. Recommended concentration: 5µg/ml.
Reference	Reference(s): Chung KT, Shen Y, Hendershot LM. BAP, a Mammalian BiP-associated Protein, Is a Nucleotide Exchange Factor That Regulates the ATPase Activity of BiP. J Biol Chem. 2002 Dec -63..PMID: 12356756 ->

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**