

## Goat anti-HSPA4L Antibody

<b>Item Number</b>	dAP-1428
<b>Target Molecule</b>	Principle Name: HSPA4L; Official Symbol: HSPA4L ; All Names and Symbols: HSPA4L ; heat shock 70kDa protein 4-like ; APG-1 ; Osp94; heat shock 70 kDa protein 4-like protein ; heat shock protein (hsp110 family); Accession Number (s): NP_055093.2; Human Gene ID(s): 22824; Non-Human GeneID(s):
<b>Immunogen</b>	DSSQHTKSSGEMEVD, is from C Terminus
<b>Applications</b>	Pep ELISA, IHC Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 8000.
<b>Western Blot</b>	Western Blot: Preliminary experiments gave an approx 125kDa band in Human Colon and Testis lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size
<b>IHC</b>	Immunohistochemistry: Paraffin embedded Human Testis. Recommended concentration: 5µg/ml.
<b>Reference</b>	Reference(s): Colgan SP, Pitman RS, Nagaishi T, Mizoguchi A, Mizoguchi E, Mayer LF, Shao L, Sartor RB, Subjeck JR, Blumberg RS. Intestinal heat shock protein 110 regulates expression of CD1d on intestinal epithelial s. J Clin Invest. 2003 Sep;112(5):745-54..PMID: 12952923 ->

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**