

Goat anti-HSPC117 (aa201-215) Antibody

Item Number	dAP-2393
Target Molecule	Principle Name: HSPC117 (aa201-215); Official Symbol: C22orf28; All Names and Symbols: C22orf28; chromosome 22 open reading frame 28; DJ149A16.6; RP1-149A16.6; hypothetical protein LOC51493; novel protein HSPC117; Accession Number (s): NP_055121.1; Human Gene ID(s): 51493; Non-Human GeneID(s): 28088 (mouse) 362855 (rat)
Immunogen	QADPNKVSARAKKR, is from internal region
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 64000.
Western Blot	Western Blot: Approx 55kDa band observed in lysates of cell lines HeLa, Jurkat and K562 (calculated MW of 55.2kDa according to NP_055121.1). Recommended concentration: 0.1-0.3µg/ml.
IHC	Immunohistochemistry: In paraffin embedded Human Testis shows nuclear and vicinity staining in spermatogonia. Recommended concentration, 5-10µg/ml.
Reference	Reference(s): Popow J, Englert M, Weitzer S, Schleiffer A, Mierzwa B, Mechtler K, Trowitzsch S, Will CL, Lührmann R, Söll D, Martinez J. HSPC117 is the essential subunit of a human tRNA splicing ligase complex. Science. 2011 Feb 11;331(6018):760-4..PMID: 21311021->

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**