



Goat anti-HSPA8 (Isoform 1) Antibody

Item Number	dAP-0896
Target Molecule	Principle Name: HSPA8 (Isoform 1); Official Symbol: HSPA8 ; All Names and Symbols: HSPA8 ; heat shock 70kDa protein 8 ; HSC54; HSC70; HSC71; HSP71; HSP73; HSPA10; LAP; MGC131511; MGC29929; NIP71 ; LPS-associated protein 1; N-myristoyltransferase inhibitor protein 71; constitutive heat shock protein 70; heat shock 70kD protein 8; heat sh; Accession Number (s): NP_006588.1; Human Gene ID(s): 3312; Non-Human GeneID(s): 15481 (mouse) 24468 (rat)
Immunogen	EKLGKINDEDKQK, is from internal region This antibody is expected to recognise isoform 1 (NP_006588.1) only.
Applications	Pep ELISA, IF, WB Species Tested: Human, Mouse
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 4000.
Western Blot	Western Blot: Approx 75kDa band observed in lysates of cell lines HepG2 and NIH3T3 (calculated MW of 70.9kDa according to Human NP_006588.1 and Mouse NP_112442.2). The observed molecular weight corresponds to earlier findings with different antibodies f
IHC	
Reference	Reference(s): Zhang Z, Fan J, Becker KG, Graff RD, Lee GM, Francomano CA. Comparison of gene expression profile between human chondrons and chondrocytes: a cDNA microarray study. Osteoarthritis Cartilage. 2006 May;14(5):449-59. Epub 2006 Jan 18. .PMID: 16414292 ->

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**