

GOAT ANTI-HSPA5 / GRP78 ANTIBODY

SKU: EB12857



SPECIFICATIONS

Formulation	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Unit Size	100 µg
Storage	
Instructions	Aliquot and store at -20°C. Minimize freezing and thawing.
Synonym /	immunoglobulin epididymis secretory sperm binding protein Li 89n endoplasmic reticulum luminal Ca(2+)-binding
Alias	protein grp78 78 kDa glucose-regulated protein MIF2 HEL-S-89n GRP78 BIP heat shock 70kDa protein 5 (glucose-
Names	regulated protein, 78kDa) HSPA5
Usage	Immunofluorescence: Expression of the protein seen in the cytoplasm of HeLa cells.
Summary	Recommended concentration: 5µg/ml
Accession	
ID	NP_005338.1
Blocking	
Peptide	EBP12857
Immunogen	Peptide with sequence C-ESHQDADIEDFK, from the internal region (near C Terminus) of the protein sequence according to NP_005338.1.
Peptide	
Sequence	C-ESHQDADIEDFK
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using
Method	the immunizing peptide.
Shipping	
Instructions	Refrigerated
Predicted	
Species	Human
Reactive	
Species	Human, Mouse, Rat
Human	
Gene ID	3309
Product	
Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_plus_medium.png
IHC Results	Paraffin embedded Human Brain (Cortex). Recommended concentration: 5µg/ml.
ELISA	
Detection	Antibody detection limit dilution 1:16000.
Limit	
Western	Approx 75kDa band observed in lysates of cell lines HepG2 and MCF7 and in Mouse Liver lysates, and approx.
Blot	80kDa band in Mouse Testis and Rat Brain lysates (calculated MW of 72.3kDa according to Human NP_005338.1, Mouse NP_071705.3 and Rat NP_037215.1). This molecular weight is routinely observed by other sources. Recommended concentration: 0.3-1µg/ml. Primary incubation was 1 hour.
Application	
Type	Pep-ELISA, WB, IHC, IF

DOCUMENTS

- [Data Sheet](#)

GALLERY IMAGES



