

## GOAT ANTI-HSPA5 / GRP78 ANTIBODY

**SKU:** EB12857



## SPECIFICATIONS

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

## DOCUMENTS

- [Data Sheet](#)

## GALLERY IMAGES



