



## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB07211 - Goat Anti-HRS / HGS Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** HGS, hepatocyte growth factor-regulated tyrosine kinase substrate, HGNC:4897, HRS, ZFYVE8, human growth factor-regulated tyrosine kinase substrate

**Official Symbol:** HGS

**Accession Number(s):** NP\_004703.1

**Human GeneID(s):** [9146](#)

**Non-Human GeneID(s):** 15239 (mouse), 56084 (rat)

### Immunogen

Peptide with sequence C-NRNYWEKKQEEARK, from the internal region of the protein sequence according to NP\_004703.1.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:32000.

**Western blot:** This antibody has been successfully used in Western Blot on Human: Clancy et al. (2020) <https://doi.org/10.1101/2020.04.15.042291>.

**IHC:** In paraffin embedded Human Testis shows strong staining of Leydig cells. Recommended concentration: 1-2µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Mouse, Rat, Dog

### Specific Reference

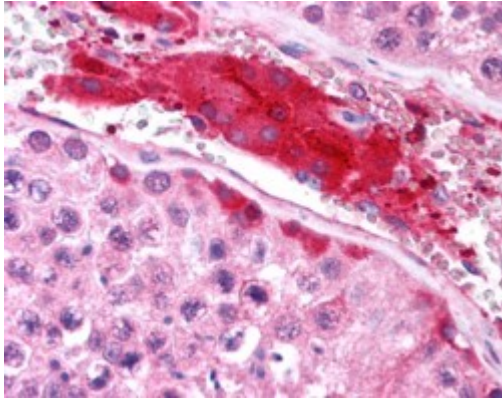
**This antibody has been successfully used in Western Blot on Human:**

Clancy et al

The deubiquitylase USP9X controls ribosomal stalling

J Cell Biol. 2021 Mar 1;220(3):e202004211

PMID: 33507233



EB07211 (2.5µg/ml) staining of paraffin embedded Human Testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.