

Datasheet for ABIN185612
anti-HGS antibody (Internal Region)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	HGS
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This HGS antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	HRS / HGS
Immunogen:	Peptide with sequence C-NRNYWEKKQEEARK, from the internal region of the protein sequence according to NP_004703.1.
Sequence:	NRNYWEKKQE EARK
Isotype:	IgG
Cross-Reactivity:	Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

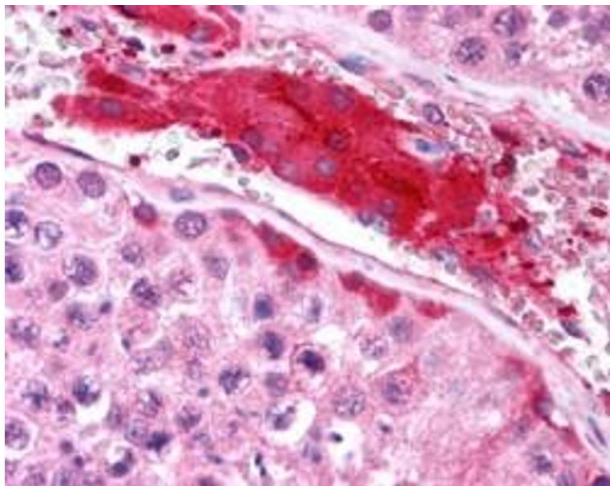
Target:	HGS
Alternative Name:	HGS (HGS Products)
Background:	HGS, hepatocyte growth factor-regulated tyrosine kinase substrate , HGNC:4897, HRS, ZFYVE8, human growth factor-regulated tyrosine kinase substrate
Gene ID:	9146, 15239, 56084
NCBI Accession:	NP_004703
Pathways:	EGFR Signaling Pathway , CXCR4-mediated Signaling Events , Synaptic Vesicle Exocytosis , EGFR Downregulation

Application Details

Application Notes:	Immunohistochemistry: In paraffin embedded Human Testis shows strong staining of Leydig cells. Recommended concentration: 1-2 µg/mL. 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 . Peptide ELISA: antibody detection limit dilution 1:32000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Immunohistochemistry

Image 1. ABIN185612 (2.5µg/ml) staining of paraffin embedded Human Testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.