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Datasheet for ABIN1531658

anti-HRS (HRS) (AA 301-350), (pTyr334) antibody

3 Images

Overview

Quantity:	100 µL
Target:	HRS
Binding Specificity:	AA 301-350, pTyr334
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human HRS around the phosphorylation site of Tyr334.
Isotype:	IgG
Specificity:	HRS (Phospho-Tyr334) Antibody detects endogenous levels of HRS only when phosphorylated at Tyr334. PhosphorylationH:Y334 M:Y334 R:Y334
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Purity:	> 95 %

Target Details

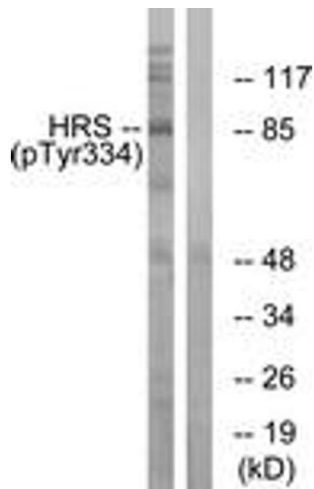
Target:	HRS
Alternative Name:	HRS (HRS Products)
Background:	Synonyms: Hepatocyte growth factor-regulated tyrosine kinase substrate, HGS, IMOS-1 NCBI Gene Symbol: HGS
Molecular Weight:	86 kDa
Gene ID:	9146
OMIM:	604375
UniProt:	O14964
Pathways:	CXCR4-mediated Signaling Events , EGFR Downregulation

Application Details

Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 IF: 1:100~1:500 ELISA: 1:1000
Comment:	Unigene-Number: Hs.514590 (NCBI Gene Symbol: HGS)
Restrictions:	For Research Use only

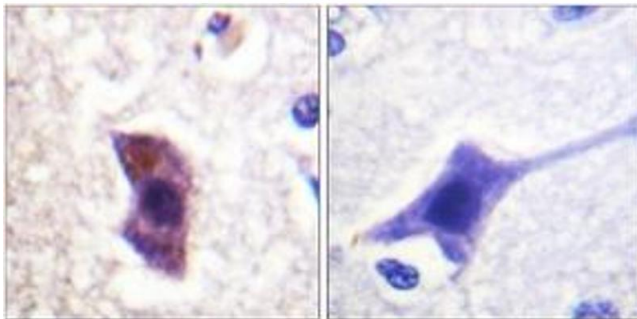
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



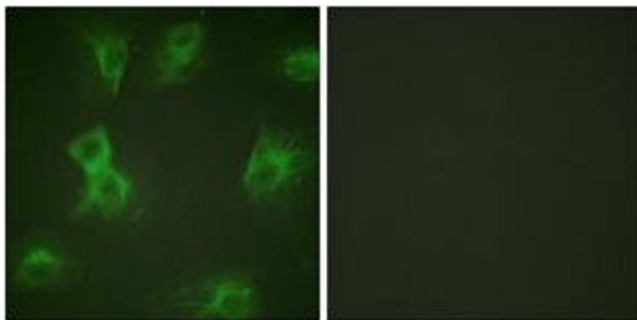
Western Blotting

Image 1. Western blot analysis of extracts from HepG2 cells treated with PMA 125ng/ml 30', using HRS (Phospho-Tyr334) Antibody. The lane on the right is treated with the synthesized peptide.



Immunohistochemistry

Image 2. Immunohistochemistry analysis of paraffin-embedded human brain, using HRS (Phospho-Tyr334) Antibody. The picture on the right is treated with the synthesized peptide.



Immunofluorescence

Image 3. Immunofluorescence analysis of HeLa cells treated with Forskolin 40nM 15', using HRS (Phospho-Tyr334) Antibody. The picture on the right is treated with the synthesized peptide.