

Rabbit HRP2 Polyclonal Antibody | anti-HRP2 antibody

HRP2 Antibody

CATALOG # AAA323106	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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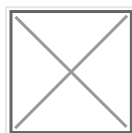
PRODUCT SYNONYMS

HRP2; Polyclonal Antibody; HRP2 Antibody; HDGF-2; HDGF2; Hdgfrp2; HDGR2_HUMAN; Hepatoma-derived growth factor 2; Hepatoma-derived growth factor; Hepatoma-derived growth factor-related protein 2; heptoma derived growth factor related protein 2; HRP-2; anti-HRP2 antibody

PRODUCT SPECIFICATIONS

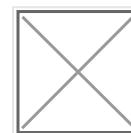
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	HRP2 antibody detects endogenous levels of HRP2.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	671
Applicable Applications for anti-HRP2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human HRP2.
Subcellular Location	Nucleus
Tissue Specificity	Widely expressed. High expression is found in heart, skeletal muscle, ovary and testis. Overexpression is frequently observed in hepatocellular carcinoma samples.
Predicted Cross Reactivity	Pig, Sheep, Dog, Xenopus
Similarity	Pig (100%), Sheep (100%), Dog (100%), Xenopus (91%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from HepG2, using HRP2 antibody.



IHC (Immunohistochemistry)

AAA323106 at 1/100 staining Human breast cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-HRP2 antibody	Function: Involved in cellular growth control, through the regulation of cyclin D1 expression. Subunit Structure: Interacts with HDGF (By similarity). Interacts with trimethylated 'Lys-36' of histone H3 (H3K36me3). Interacts with trimethylated 'Lys-79' of histone H3 (H3K79me3), but has higher affinity for H3K36me3. Interacts with IWS1 (PubMed:25689719). Similarity: Belongs to the HDGF family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	48255931
NCBI GeneID	84717
NCBI Accession #	NP_001001520.1
NCBI GenBank Nucleotide #	NM_001001520.2
UniProt Accession #	Q7Z4V5; Q96GI5; Q9BW08; I3L080; K7EQZ6
Molecular Weight	Observed: 74 kDa Predicted: 75 kDa
NCBI Official Full Name	hepatoma-derived growth factor-related protein 2 isoform 1
NCBI Official Synonym Full Names	HDGF like 2
NCBI Official Symbol	HDGFL2
NCBI Official Synonym Symbols	HRP2; HDGF2; HRP-2; HDGF-2; HDGFRP2
NCBI Protein Information	hepatoma-derived growth factor-related protein 2
UniProt Protein Name	Hepatoma-derived growth factor-related protein 2
UniProt Gene Name	HDGFL2
UniProt Synonym Gene Names	HDGF-related protein 2; HRP-2; HDGF-2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/hrp2-antibody-immunohistochemistry-western-blot-elisa/323106>