

Rabbit anti-Human, Mouse HIG2 Polyclonal Antibody | anti-HIG2 antibody

HIG2 Antibody

CATALOG # AAA304261	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Western Blot, ELISA
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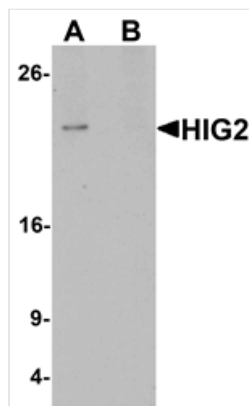
PRODUCT SYNONYMS

HIG2; Polyclonal Antibody; HIG2 Antibody; Hypoxia-inducible gene 2 protein; HIG-2; anti-HIG2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	At least two isoforms of HIG2 are known to exist; this antibody will detect both isoforms. HIG2 antibody is predicted to not cross-react with HIG1
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Concentration	1mg/mL (varies by lot)
Sequence Length	63
Applicable Applications for anti-HIG2 antibody	WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a 16 amino acid peptide near the carboxy terminus of human HIG2.
Target Name	HIG2
Preparation and Storage	Can be stored at -20 degrees C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



WB (Western Blot)

Western blot analysis of HIG2 in 3T3 cell lysate with HIG2 antibody at 1 ug/mL in (A) the absence and (B) the presence of blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-HIG2 antibody	HIG1 and HIG2 (Hypoxia-inducible gene 1 and 2, respectively) are known to be induced by hypoxic conditions. HIG2 is induced by hypoxia and by glucose deprivation in cultured cells. In addition, tumor xenografts derived from human cervical cancer cells display increased expression of HIG1 and HIG2 when they are deprived of oxygen. Unlike HIG2, which is ubiquitously expressed and might be an activator and target of the canonical Wnt pathway, the function and the mechanisms underlying its regulation of HIG1 still remained unknown. The putative link between hypoxia and an oncogenic signaling pathway might play an important role in tumorigenesis.
Product Categories/Family for anti-HIG2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	149192828
NCBI GeneID	192286
NCBI Accession #	NP_001092256
NCBI GenBank Nucleotide #	NM_001098786.1
UniProt Accession #	Q9BW72; Q52LY5; Q53HJ7; A4D0Z5; Q9Y5L2
NCBI Official Full Name	hypoxia-inducible lipid droplet-associated protein
NCBI Official Synonym Full Names	hypoxia inducible lipid droplet-associated
NCBI Official Symbol	HILPDA
NCBI Official Synonym Symbols	HIG2; HIG-2; C7orf68
NCBI Protein Information	hypoxia-inducible lipid droplet-associated protein
UniProt Protein Name	Hypoxia-inducible lipid droplet-associated protein
UniProt Gene Name	HILPDA
UniProt Synonym Gene Names	C7orf68; HIG2
UniProt Entry Name	HLPDA_HUMAN

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.