Datasheet for ABIN6991583

anti-HILPDA antibody (C-Term)

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Overview

Quantity:	0.1 mg
Target:	HILPDA
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HILPDA antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	HIG2 antibody was raised against a 16 amino acid synthetic peptide near the carboxy terminus of human HIG2. The immunogen is located within the last 50 amino acids of HIG2.
Isotype:	IgG
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
Purification:	HIG2 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	HILPDA
Alternative Name:	HIG2 (HILPDA Products)

Target Details

Background:	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.
Gene ID:	192286
NCBI Accession:	NP_001092256
UniProt:	Q9BW72

Application Details

Application Notes:	HIG2 antibody can be used for detection of HIG2 by Western blot at 1 µ,g/mL. Antibody validated: Western Blot in human samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	HIG2 Antibody is supplied in PBS containing 0.02 % sodium azide.
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,4 °C
Storage Comment:	HIG2 antibody can be stored at 4°C for three months and -20°C, stable for up to 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.