

HELZ Antibody (monoclonal) (M02)

Mouse monoclonal antibody raised against a partial recombinant HELZ.

Catalog # AT2348a

Product Information

Application	WB, IHC, IF, E
Primary Accession	P42694
Other Accession	NM_014877
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2b Kappa
Clone Names	5B2
Calculated MW	218970

Additional Information

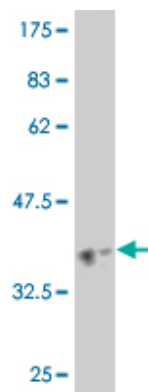
Gene ID	9931
Other Names	Probable helicase with zinc finger domain, 364-, Down-regulated in human cancers protein, HELZ, DRHC, KIAA0054
Target/Specificity	HELZ (NP_055692, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IHC~~1:100~500 IF~~1:50~200 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	HELZ Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

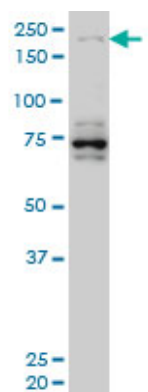
HELZ is a member of the superfamily I class of RNA helicases. RNA helicases alter the conformation of RNA by unwinding double-stranded regions, thereby altering the biologic activity of the RNA molecule and regulating access to other proteins (Wagner et al., 1999 [PubMed 10471385]).

References

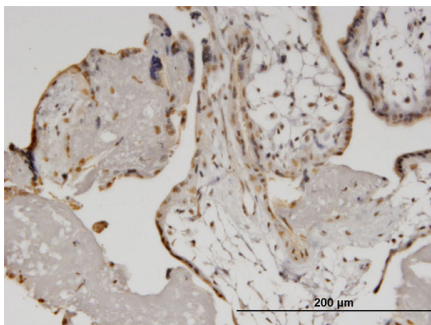
1.The Putative RNA Helicase HELZ Promotes Cell Proliferation, Translation Initiation and Ribosomal Protein S6 Phosphorylation.Hasgall PA, Hoogewijs D, Faza MB, Panse VG, Wenger RH, Camenisch G.PLoS One. 2011;6(7):e22107. Epub 2011 Jul 13.



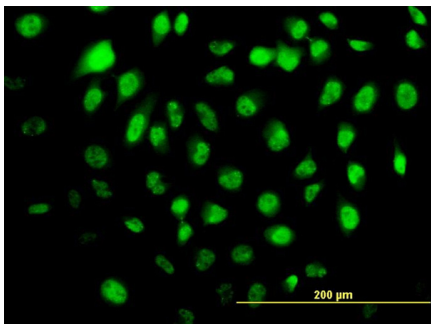
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.74 KDa) .



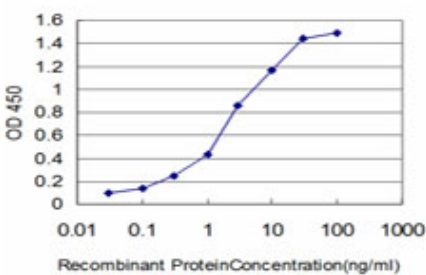
HELZ monoclonal antibody (M02), clone 5B2 Western Blot analysis of HELZ expression in Hela S3 NE ((Cat # AT2348a)



Immunoperoxidase of monoclonal antibody to HELZ on formalin-fixed paraffin-embedded human placenta. [antibody concentration 1 ug/ml]



Immunofluorescence of monoclonal antibody to HELZ on HeLa cell. [antibody concentration 10 ug/ml]



Detection limit for recombinant GST tagged HELZ is approximately 0.03ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.