10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

PHLDA2 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant PHLDA2.
Catalog # AT3300a

Product Information

Application	WB, E
Primary Accession	Q53GA4
Other Accession	NM_003311
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	5E4
Calculated MW	17092

Additional Information

Gene ID	7262
Other Names	Pleckstrin homology-like domain family A member 2, Beckwith-Wiedemann syndrome chromosomal region 1 candidate gene C protein, Imprinted in placenta and liver protein, Tumor-suppressing STF cDNA 3 protein, Tumor-suppressing subchromosomal transferable fragment candidate gene 3 protein, p17-Beckwith-Wiedemann region 1 C, p17-BWR1C, PHLDA2, BWR1C, HLDA2, IPL, TSSC3
Target/Specificity	PHLDA2 (NP_003302, 1 a.a. ~ 110 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 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	PHLDA2 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

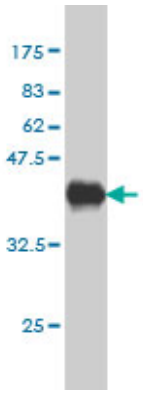
Background

This gene is one of several genes in the imprinted gene domain of 11p15.5 which is considered to be an important tumor suppressor gene region. Alterations in this region may be associated with the Beckwith-Wiedemann syndrome, Wilms tumor, rhabdomyosarcoma, adrenocortical carcinoma, and lung, ovarian, and breast cancer. Studies of the mouse gene, however, which is also located in an imprinted gene domain, have shown that the product of this gene regulates placental growth.

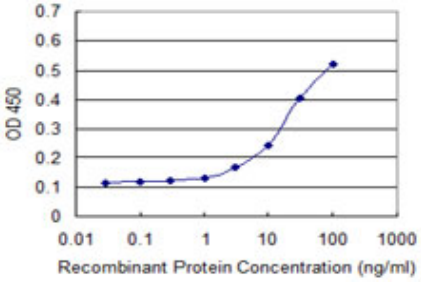
References

1.Characterisation of marsupial PHLDA2 reveals eutherian specific acquisition of imprinting.Suzuki S, Shaw G, Kaneko-Ishino T, Ishino F, Renfree MB.BMC Evol Biol. 2011 Aug 19;11:244.

Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (37.84 KDa) .



Detection limit for recombinant GST tagged PHLDA2 is approximately 0.3ng/ml as a capture antibody.

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