

PHLDA2 / IPL Antibody (C-Term)
Peptide-affinity purified goat antibody
Catalog # AF2385a**Specification**

PHLDA2 / IPL Antibody (C-Term) - Product Information

Application	IHC
Primary Accession	Q53GA4
Other Accession	NP_003302.1 , 7262
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	17092

PHLDA2 / IPL Antibody (C-Term) - 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

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

PHLDA2 / IPL Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

PHLDA2 / IPL Antibody (C-Term) - Protein Information**Name** PHLDA2**Synonyms** BWR1C, HLDA2, IPL, TSSC3**Function**

Plays a role in regulating placenta growth. May act via its PH domain that competes with other PH domain-containing proteins, thereby preventing their binding to membrane lipids (By similarity).

Cellular Location

Cytoplasm. Membrane; Peripheral membrane protein

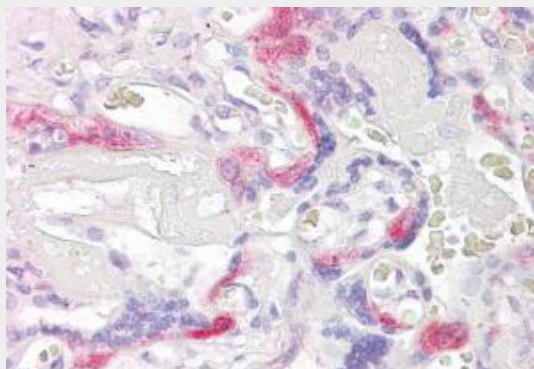
Tissue Location

Expressed in placenta and adult prostate gland. In placenta, it is present in all cells of the villous cytotrophoblast. The protein is absent in cells from hydatidiform moles. Hydatidiform mole is a gestation characterized by abnormal development of both fetus and trophoblast. The majority of hydatidiform moles are associated with an excess of paternal to maternal genomes and are likely to result from the abnormal expression of imprinted genes (at protein level). Expressed at low levels in adult liver and lung, and fetal liver. Expressed in adult brain and neuroblastoma, medullablastoma and glioblastoma cell lines.

PHLDA2 / IPL Antibody (C-Term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PHLDA2 / IPL Antibody (C-Term) - Images

AF2385a (3.8 µg/ml) staining of paraffin embedded Human Placenta. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

PHLDA2 / IPL Antibody (C-Term) - References

The IPL gene on chromosome 11p15.5 is imprinted in humans and mice and is similar to TDAG51, implicated in Fas expression and apoptosis. Qian N, Frank D, O'Keefe D, Dao D, Zhao L, Yuan L, Wang Q, Keating M, Walsh C, Tycko B. Hum Mol Genet. 1997 Nov;6(12):2021-9. PMID: 9328465