

## Rabbit anti-Human PHLDA2 Polyclonal Antibody | anti-PHLDA2 antibody

PHLDA2 Antibody (C-term)

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                              |
|-----------|--------|------------|-------------------------------------------|
| AAA288210 | Rabbit | Human      | Immunohistochemistry, ELISA, Western Blot |

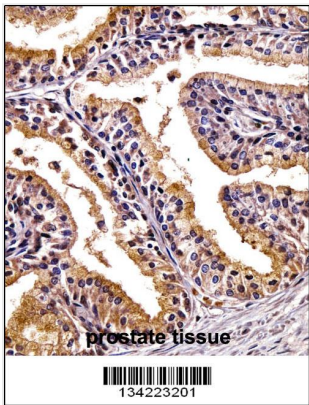
### PRODUCT SYNONYMS

PHLDA2; Polyclonal Antibody; PHLDA2 Antibody (C-term); 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; BWR1C; HLDA2; IPL; TSSC3; anti-PHLDA2 antibody

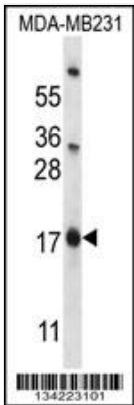
### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                                                                              |
|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                                                       |
| Reactivity                                       | Human                                                                                                                                                                        |
| Clonality                                        | Polyclonal                                                                                                                                                                   |
| Isotype                                          | Rabbit Ig                                                                                                                                                                    |
| Specificity                                      | This PHLDA2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 90-119 amino acids from the C-terminal region of human PHLDA2.      |
| Purity/Purification                              | Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)                                                                                                                   |
| Form/Format                                      | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| Concentration                                    | Vial Concentration: 0.5 (varies by lot)                                                                                                                                      |
| Sequence Positions                               | 90-119                                                                                                                                                                       |
| Sequence Length                                  | 152                                                                                                                                                                          |
| Applicable Applications for anti-PHLDA2 antibody | IHC (Immunohistochemistry), ELISA, WB (Western Blot)                                                                                                                         |
| Antigen Type                                     | Synthetic Peptide                                                                                                                                                            |
| Antigen Source                                   | HUMAN                                                                                                                                                                        |
| Preparation and Storage                          | Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.                       |

IMAGES



**IHC (Immunohiostchemistry)**  
PHLDA2 Antibody (C-term) (AAA288210)immunohistochemistry analysis in formalin fixed and paraffin embedded human prostate tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of PHLDA2 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



**WB (Western Blot)**  
PHLDA2 Antibody (C-term) western blot analysis in MDA-MB231 cell line lysates (35ug/lane).This demonstrates the PHLDA2 antibody detected the PHLDA2 protein (arrow).

ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-PHLDA2 antibody | This gene is located in a cluster of imprinted genes on chromosome 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. This gene has been shown to be imprinted, with preferential expression from the maternal allele in placenta and liver. |
| Product Categories/Family for anti-PHLDA2 antibody   | Cell Biology                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| References                                           | O'Seaghda, C.M., et al. Hum. Mol. Genet. 19(21):4296-4303(2010)<br>Edenberg, H.J., et al. Alcohol. Clin. Exp. Res. 34(5):840-852(2010)<br>Sugiyama, N., et al. Mol. Cell Proteomics 6(6):1103-1109(2007)<br>Tang, K.F., et al. Biochim. Biophys. Acta 1770(5):820-825(2007)<br>Bertheau, P., et al. PLoS Med. 4 (3), E90 (2007) :                                                                                                                         |

NCBI AND UNIPROT INFORMATION

|                                  |                                                     |
|----------------------------------|-----------------------------------------------------|
| NCBI GI #                        | 4507705                                             |
| NCBI GeneID                      | 7262                                                |
| NCBI Accession #                 | NP_003302.1                                         |
| NCBI GenBank Nucleotide #        | NM_003311.3                                         |
| UniProt Accession #              | Q53GA4; O00496                                      |
| Molecular Weight                 | 17092                                               |
| NCBI Official Full Name          | pleckstrin homology-like domain family A member 2   |
| NCBI Official Synonym Full Names | pleckstrin homology-like domain, family A, member 2 |
| NCBI Official Symbol             | PHLDA2                                              |
| NCBI Official Synonym Symbols    | IPL; BRW1C; BWR1C; HLDA2; TSSC3                     |
| NCBI Protein Information         | pleckstrin homology-like domain family A member 2   |

|                            |                                                   |
|----------------------------|---------------------------------------------------|
| UniProt Protein Name       | Pleckstrin homology-like domain family A member 2 |
| UniProt Gene Name          | <b>PHLDA2</b>                                     |
| UniProt Synonym Gene Names | BWR1C; HLDA2; IPL; TSSC3; p17-BWR1C               |
| UniProt Entry Name         | PHLA2_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/phlda2-antibody-immunohistochemistry-western-blot-elisa/288210>