

Datasheet for ABIN872459
anti-PHLDA2 antibody (AA 31-80)[Go to Product page](#)**1** Image**2** Publications

Overview

Quantity:	100 µL
Target:	PHLDA2
Binding Specificity:	AA 31-80
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PHLDA2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human TSSC3
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Predicted Reactivity:	Mouse,Cow,Pig,Horse,Chicken
Purification:	Purified by Protein A.

Target Details

Target:	PHLDA2
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Target Details

Alternative Name:	TSSC3 (PHLDA2 Products)
Background:	<p>Synonyms: IPL, BRW1C, BWR1C, HLDA2, TSSC3, 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</p> <p>Background: 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).</p>
Gene ID:	7262
UniProt:	Q53GA4
Pathways:	Regulation of Carbohydrate Metabolic Process

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C, -20 °C

Handling

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

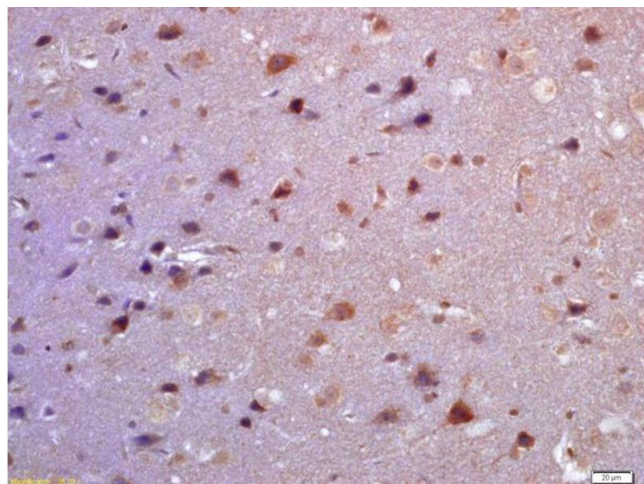
Expiry Date: 12 months

Publications

Product cited in: Jin, Qiao, Luan, Li: "Lentivirus-mediated PHLDA2 overexpression inhibits trophoblast proliferation, migration and invasion, and induces apoptosis." in: **International journal of molecular medicine**, Vol. 37, Issue 4, pp. 949-57, (2016) ([PubMed](#)).

Jin, Qiao, Luan, Shang et al.: "The expression of the imprinted gene pleckstrin homology-like domain family A member 2 in placental tissues of preeclampsia and its effects on the proliferation, migration and invasion of trophoblast ..." in: **Clinical and experimental pharmacology & physiology**, Vol. 42, Issue 11, pp. 1142-51, (2015) ([PubMed](#)).

Images



Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded rat brain labeled with Anti-TSSC3 Polyclonal Antibody, Unconjugated (ABIN872459) at 1:200 followed by conjugation to the secondary antibody and DAB staining