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

PHLDA1 Rabbit pAb

Catalog # AP98742

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q8WV24
Other Accession	Q8WV24
Reactivity	Rat, Mouse
Predicted	Human, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	45016
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human PHLDA1
Epitope Specificity	251-360/401
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 1 PH domain.
SUBUNIT	Interacts with RPL14, EIF3S7 and PABPC4.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	PHLDA1 is involved in regulation of apoptosis induced by signaling of T cell receptor in murine lympocytes. As any potent regulator with pleiotropic effects related to its overexpression, PHLDA attracts attention in both cell biology research and human tissue pathology.

Additional Information

Gene ID	22822
Other Names	DT1P1B11; PHRIP; TDAG51; PHLA1_HUMAN; PHLDA1; Apoptosis-associated nuclear protein; Proline- and glutamine-rich protein (PQ-rich protein | PQR protein); Proline- and histidine-rich protein; T-cell death-associated gene 51 protein; pleckstrin homology like domain family A member 1; pleckstrin homology-like domain, family A, member 1; T-cell death-associated gene 51; proline-histidine rich protein
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	PHLDA1
Synonyms	PHRIP, TDAG51
Function	Seems to be involved in regulation of apoptosis. May be involved in detachment-mediated programmed cell death. May mediate apoptosis during neuronal development. May be involved in regulation of anti-apoptotic effects of IGF1. May be involved in translational regulation.
Cellular Location	Cytoplasm. Cytoplasmic vesicle. Nucleus, nucleolus. Note=Colocalizes with intracellular vesicles.
Tissue Location	Widely expressed with highest levels in pancreas. Strongly expressed by benign melanocytic nevi, and progressively reduced expressed in primary and metastatic melanomas (at protein level).

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