



# TDAG51 Polyclonal Antibody

<b>Catalog No</b>	YP-Ab-00530
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse;Rat
<b>Applications</b>	WB;ELISA
<b>Gene Name</b>	PHLDA1
<b>Protein Name</b>	Pleckstrin homology-like domain family A member 1
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human PHLA1. AA range:271-320
<b>Specificity</b>	TDAG51 Polyclonal Antibody detects endogenous levels of TDAG51 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	PHLDA1; PHRIP; TDAG51; Pleckstrin homology-like domain family A member 1; Apoptosis-associated nuclear protein; Proline- and glutamine-rich protein; PQ-rich protein; PQR protein; Proline- and histidine-rich protein; T-cell death-associated
<b>Observed Band</b>	40kD
<b>Cell Pathway</b>	Cytoplasm . Cytoplasmic vesicle . Nucleus, nucleolus . Colocalizes with intracellular vesicles. .
<b>Tissue Specificity</b>	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).
<b>Function</b>	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.,induction:Induced by homocysteine and other ER stress-inducing reagents. Induced by phorbol ester (TPA)/ionomycin, and stimulation of the T-cell receptor (TCR) complex in T-cells.,similarity:Contains 1 PH domain.,subcellular location:Colocalizes with intracellular vesicles.,subunit:Interacts with RPL14, EIF3S7 and PABPC4.,tissue specificity: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).,



## Background

This gene encodes an evolutionarily conserved proline-histidine rich nuclear protein. The encoded protein may play an important role in the anti-apoptotic effects of insulin-like growth factor-1. [provided by RefSeq, Jul 2008],

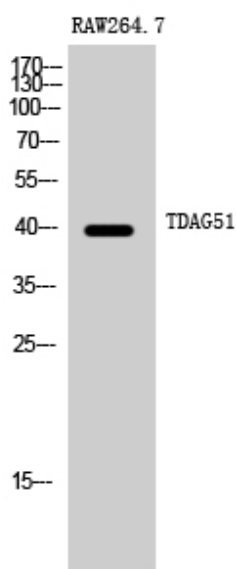
## matters needing attention

Avoid repeated freezing and thawing!

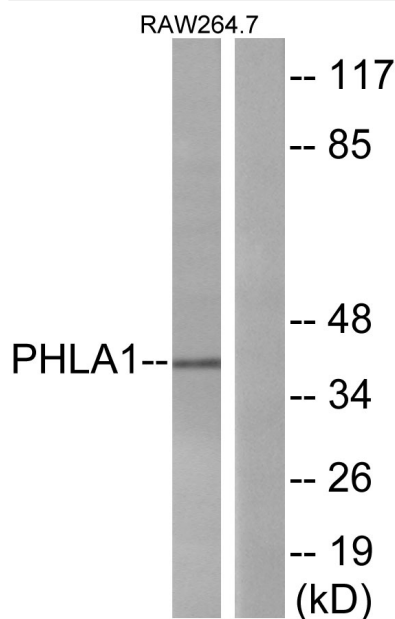
## Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western Blot analysis of RAW264.7 cells using TDAG51 Polyclonal Antibody



Western blot analysis of lysates from RAW264.7 cells, using PHLA1 Antibody. The lane on the right is blocked with the synthesized peptide.