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PPIAL4A Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP18860c

Specification

PPIAL4A Antibody (Center) - Product Information

Application	**WB,E**
Primary Accession	Q9Y536
Other Accession	A2BFH1, F5H284, NP_001129261.1
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**18182**
Antigen Region	**66-92**

PPIAL4A Antibody (Center) - Additional Information

Gene ID 653505

Other Names
Peptidyl-prolyl cis-trans isomerase A-like 4A/B/C, PPIase A-like 4A, Chromosome 1-amplified sequence 2, COAS-2, Cyclophilin homolog overexpressed in liver cancer, PPIAL4A, COAS2

Target/Specificity
This PPIAL4A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 66-92 amino acids from the Central region of human PPIAL4A.

Dilution
WB~~1:1000

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.

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

Precautions
PPIAL4A Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

PPIAL4A Antibody (Center) - Protein Information

Name PPIAL4A (HGNC:24369)

Function PPIases accelerate the folding of proteins. It catalyzes the cis-trans isomerization of

proline imidic peptide bonds in oligopeptides (By similarity).

Cellular Location
Cytoplasm {ECO:0000250|UniProtKB:P62937}.

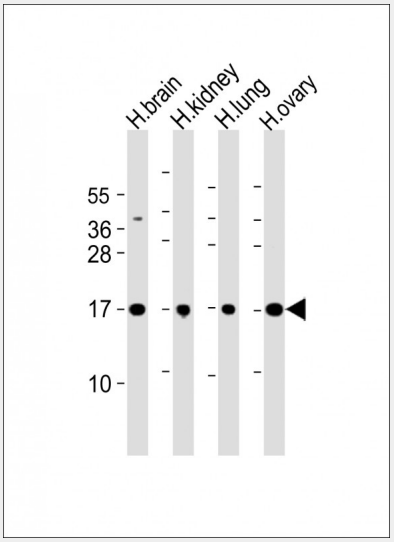
Tissue Location
Highly expressed in brain, ovary and mammary gland. Moderately expressed in lung, salivary gland, kidney, skin, adipose tissue, intestine and spleen. Weakly expressed in skeletal muscle, liver and stomach. Expressed in pleiomorphic and undifferentiated liposarcomas, osteosarcomas and breast carcinomas

PPIAL4A Antibody (Center) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

PPIAL4A Antibody (Center) - Images



All lanes : Anti-PPIAL4A Antibody (Center) at 1:2000 dilution Lane 1: human brain lysate Lane 2: human kidney lysate Lane 3: human lung lysate Lane 4: human ovary lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 18 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

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PPIAL4A Antibody (Center)(Cat. #AP18860c) western blot analysis in NCI-H460 cell line lysates (35ug/lane).This demonstrates the PPIAL4A antibody detected the PPIAL4A protein (arrow).

PPIAL4A Antibody (Center) - Background

PPIases accelerate the folding of proteins. It catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides (By similarity).