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Quantity:	100 μL
Target:	PPID
Binding Specificity:	AA 161-370
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PPID antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Recombinant Human Peptidyl-prolyl cis-trans isomerase D protein (161-370AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	Antigen Affinity Purified

Target Details

Target:	PPID
Alternative Name:	PPID (PPID Products)
Background:	Background: PPlases accelerate the folding of proteins. It catalyzes the cis-trans isomerization
	of proline imidic peptide bonds in oligopeptides. Proposed to act as a co-chaperone in HSP90

complexes such as in unligated steroid receptors heterocomplexes. Different co-chaperones seem to compete for association with HSP90 thus establishing distinct HSP90-co-chaperone-receptor complexes with the potential to exert tissue-specific receptor activity control. May have a preference for estrogen receptor complexes and is not found in glucocorticoid receptor complexes. May be involved in cytoplasmic dynein-dependent movement of the receptor from the cytoplasm to the nucleus. May regulate MYB by inhibiting its DNA-binding activity. Involved in regulation of AHR signaling by promoting the formation of the AHR:ARNT dimer, the function is independent of HSP90 but requires the chaperone activity. Involved in regulation of UV radiation-induced apoptosis. Promotes cell viability in anaplastic lymphoma kinase-positive anaplastic large-cell lymphoma (ALK+ ALCL) cell lines. May be involved in hepatitis C virus (HCV) replication and release.

Aliases: 40 kDa peptidyl-prolyl cis-trans isomerase antibody, 40 kDa peptidyl-prolyl cis-trans isomerase D antibody, Cyclophilin related protein antibody, Cyclophilin-40 antibody, Cyclophilin-related protein antibody, CYP-40 antibody, CYP40 antibody, CYPD antibody, Estrogen receptor-binding cyclophilin antibody, Peptidyl-prolyl cis-trans isomerase D antibody, Peptidylprolyl isomerase D antibody, PPlase D antibody, Ppid antibody, PPID_HUMAN antibody, Rotamase antibody, Rotamase D antibody

UniProt:

Q08752

Pathways:

Nuclear Hormone Receptor Binding

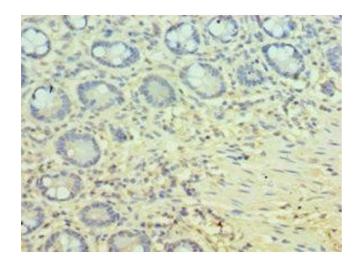
Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200,

Restrictions: For Research Use only

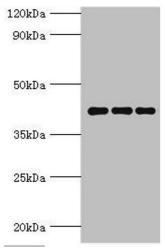
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human small intestine tissue using ABIN7162803 at dilution of 1:100



Western Blotting

Image 2. Western blot All lanes: Peptidyl-prolyl cis-trans isomerase D antibody at $9\,\mu g/mL$ Lane 1: Mouse brain tissue Lane 2: A549 whole cell lysate Lane 3: MCF-7 whole cell lysate Secondary Goat polyclonal to rabbit lgG at 1/10000 dilution Predicted band size: 41 kDa Observed band size: 41 kDa