

Rabbit Cyclophilin D (CYPD) Polyclonal Antibody | anti-CYPD antibody

Polyclonal Antibody to Cyclophilin D (CYPD)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA20302	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Immunohistochemistry, ELISA, Western Blot

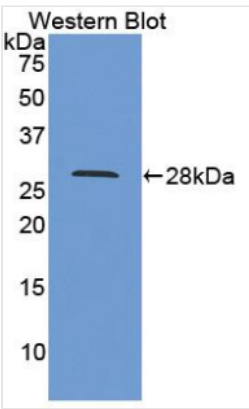
PRODUCT SYNONYMS

Cyclophilin D (CYPD); Polyclonal Antibody; Polyclonal Antibody to Cyclophilin D (CYPD); anti-CYPD antibody

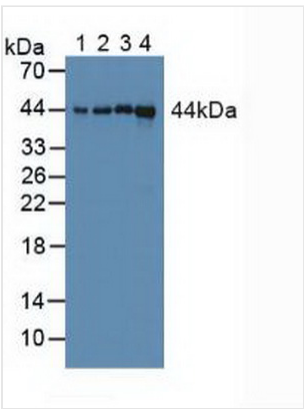
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against CYPD. It has been selected for its ability to recognize CYPD in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% Na ₃ N, 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence	Antigen: The target protein is fused with a C-terminal tag. His-tag and T7-tag and its sequence is listed below. MGSSH HHHHSSGLV PRGSHMASMT GGQMGGRGSE F-QAKPSNPS NPRVFFDVDI GGERVGRIVL ELFADIVPKT AENFRALCTG EKGIGHTTGK PLHFKGCPFH RIIKKFMIQG GDFSNQNGTG GESIYGEKFE DENFHYKHDR EGLLSMANAG RNTNGSQFFI TTVPTPHLDG KHVVFQGVK GIGVARILEN VEVKGEKPAK LCVIAECGEL KEGDDGGIFP KDGSGD
Applicable Applications for anti-CYPD antibody	ICC (Immunocytochemistry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Application Notes	Western blotting: 1:100-400 Immunocytochemistry in formalin fixed cells: 1:100-500 Immunohistochemistry in formalin fixed frozen section: 1:100-500 Immunohistochemistry in paraffin section: 1:50-200 Enzyme-linked Immunosorbent Assay: 1:100-200
Immunogen	Recombinant CYPD (Gln7~Pro206) expressed in E.coli.
Cross Reactivity	Human, Mouse, Rat
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



KO (Knockout Validation)
Knockout Validation: Lane 1: Wild-type A549 cell lysate; Lane 2: CYPD knockout A549 cell lysate; Predicted MW: 41kd Observed MW: 43kd Primary Ab: 3ug/ml Rabbit Anti-Human CYPD Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Human.



WB (Western Blot)
Western Blot: Sample: Lane1: Human A549 Cells; Lane2: Mouse Spleen Tissue; Lane3: Mouse Brain Tissue; Lane4: Rat Brain Tissue.

ADDITIONAL INFORMATION

Product Categories/Family for anti-CYPD antibody	Knock-Out Validation Antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4826932
NCBI GeneID	5481
NCBI Accession #	NP_005029.1
NCBI GenBank Nucleotide #	NM_005038.2
UniProt Accession #	Q08752; B2R9V2
Molecular Weight	40,764 Da
NCBI Official Full Name	peptidyl-prolyl cis-trans isomerase D
NCBI Official Synonym Full Names	peptidylprolyl isomerase D
NCBI Official Symbol	PPID
NCBI Official Synonym Symbols	CYPD; CYP-40
NCBI Protein Information	peptidyl-prolyl cis-trans isomerase D
UniProt Protein Name	Peptidyl-prolyl cis-trans isomerase D
UniProt Gene Name	PPID
UniProt Synonym Gene Names	CYP40; CYPD; PPlase D; CYP-40

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.