

**DATASHEET**

**MPDZ Rabbit Polyclonal Antibody**

CAT. NO. APA16176

**KEY FEATURES**

Target	MPDZ	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB, IHC	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

**BACKGROUND**

Member of the NMDAR signaling complex that may play a role in control of AMPAR potentiation and synaptic plasticity in excitatory synapses . Promotes clustering of HT2RC at the cell surface .

**APPLICATION**

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
IHC	1:50 - 1:200

\*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

**PRODUCT OVERVIEW**

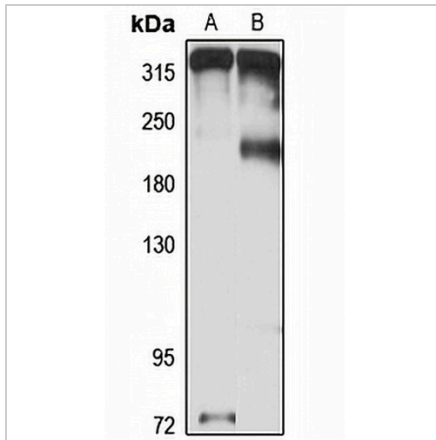
Description	Rabbit polyclonal antibody to MPDZ
Specificity	Recognizes endogenous levels of MPDZ protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human MPDZ. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 214; Observed: 321 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	MUPP1; Multiple PDZ domain protein; Multi-PDZ domain protein 1
Gene Symbol	MPDZ
Entrez Gene	8777(Human); 17475(Mouse); 29365(Rat)
SwissProt	O75970(Human); Q8VBX6(Mouse); O55164(Rat)

\*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact [info@arexbio.com](mailto:info@arexbio.com) or your local distributor.

\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

**DATASHEET****MPDZ Rabbit Polyclonal Antibody**

CAT. NO. APA16176

**DATA**

Western blot analysis of MPDZ expression in HEK293T (A), mouse brain (B) whole cell lysates. (Predicted band size: 214; 217; 218; 221 kD; Observed band size: 321 kD)

**STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

**NOTE**

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.