

DATASHEET

PTPN23 Rabbit Polyclonal Antibody

CAT. NO. APA14398

KEY FEATURES

Target	PTPN23	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

Plays a role in sorting of endocytic ubiquitinated cargos into multivesicular bodies (MVBs) via its interaction with the ESCRT-I complex (endosomal sorting complex required for transport I), and possibly also other ESCRT complexes via its interaction with the ESCRT-I complex (endosomal sorting complex required for transport I), and possibly also other ESCRT complexes. May act as a negative regulator of Ras-mediated mitogenic activity. Plays a role in ciliogenesis.

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

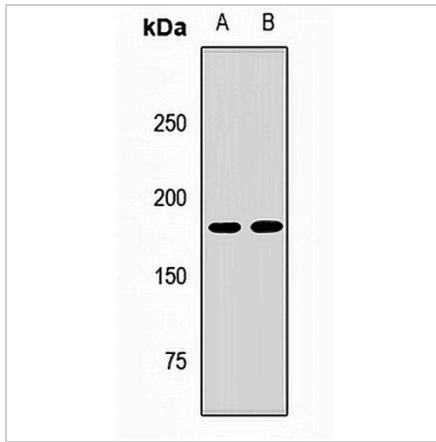
Description	Rabbit polyclonal antibody to PTPN23
Specificity	Recognizes endogenous levels of PTPN23 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human PTPN23
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 178 kD; Observed: 179 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	KIAA1471; Tyrosine-protein phosphatase non-receptor type 23; His domain-containing protein tyrosine phosphatase; HD-PTP; Protein tyrosine phosphatase TD14; PTP-TD14
Gene Symbol	PTPN23
Entrez Gene	25930(Human); 104831(Mouse)
SwissProt	Q9H3S7(Human); Q6PB44(Mouse); O88902(Rat)

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

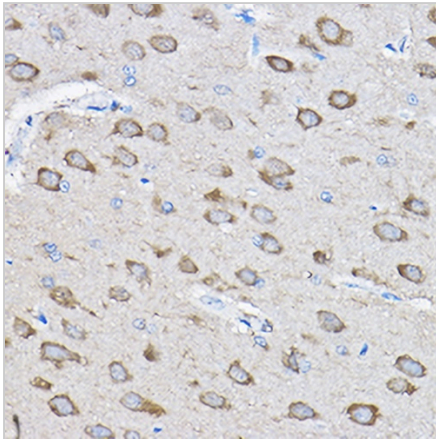
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

DATASHEET**PTPN23 Rabbit Polyclonal Antibody**

CAT. NO. APA14398

DATA

Western blot analysis of PTPN23 expression in mouse eye (A), rat kidney (B) whole cell lysates. (Predicted band size: 178 kD; Observed band size: 179 kD)



Immunohistochemical analysis of PTPN23 staining in rat brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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.