

### **Product Data Sheet**

# **Anti-PTPN23 Antibody**

Catalog # Source Reactivity Applications

CQA3026 Rabbit H, M, R WB, IH

**Description** Rabbit polyclonal antibody to PTPN23

Immunogen Recombinant full length protein of human PTPN23

**Purification** The antibody was purified by immunogen affinity chromatography.

**Specificity** Recognizes endogenous levels of PTPN23 protein.

**Clonality** Polyclonal

**Conjugation** 

Form Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol,

and 0.01% sodium azide.

**Dilution** WB (1/500 - 1/2000), IH (1/50 - 1/200)

Gene Symbol PTPN23

Alternative Names KIAA1471; Tyrosine-protein phosphatase non-receptor type 23; His

domain-containing protein tyrosine phosphatase; HD-PTP; Protein tyrosine

phosphatase TD14; PTP-TD14

**Entrez Gene** 25930 (Human); 104831 (Mouse)

SwissProt Q9H3S7 (Human); Q6PB44 (Mouse); O88902 (Rat)

Storage/Stability Shipped at 4° C. Upon delivery aliquot and store at -20° C for one year. Avoid

freeze/thaw cycles.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC-Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

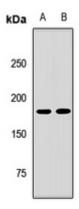
Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb-Rabbit, S- Sheep, Z- Zebrafish

#### **COHESION BIOSCIENCES LIMITED**

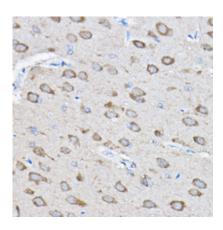
WEB ORDER SUPPORT CUSTOM
www.cohesionbio.com order@cohesionbio.com techsupport@cohesionbio.com custom@cohesionbio.com



## **Product Data Sheet**



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.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC-Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb-Rabbit, S- Sheep, Z- Zebrafish

#### **COHESION BIOSCIENCES LIMITED**