

Datasheet for ABIN392836
anti-PTPRG antibody (AA 751-782)[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	PTPRG
Binding Specificity:	AA 751-782
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTPRG antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This PTP gamma antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 751-782 amino acids from the Central region of human PTP gamma.
Clone:	RB0553
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	PTPRG
Alternative Name:	PTP gamma (PTPRG Products)

Target Details

Background: PTPgamma is a member of the protein tyrosine phosphatase (PTP) family. PTPs are known to be signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mitotic cycle, and oncogenic transformation. This PTP possesses an extracellular region, a single transmembrane region, and two tandem intracytoplasmic catalytic domains, and thus represents a receptor-type PTP. The extracellular region of this PTP contains a carbonic anhydrase-like (CAH) domain, which is also found in the extracellular region of PTPRBETA/ZETA. The gene is located in a chromosomal region that is frequently deleted in renal cell carcinoma and lung carcinoma, thus is thought to be a candidate tumor suppressor gene.

Molecular Weight: 162003

Gene ID: 5793

NCBI Accession: [NP_002832](#)

UniProt: [P23470](#)

Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

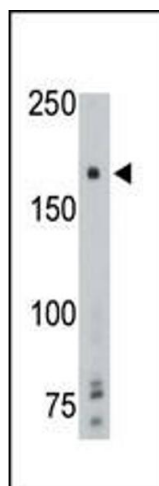
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



Western Blotting

Image 1. The anti-PTPgamma Center Pab (ABIN392836 and ABIN2842261) is used in Western blot to detect PTPgamma in mouse brain tissue lysate.