

Datasheet for ABIN7255141

anti-Meprin B antibody[Go to Product page](#)**1** Image

Overview

Quantity:	200 µL
Target:	Meprin B (MEP1B)
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Meprin B antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein of human MEP1B (NP_005916.2).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	Meprin B (MEP1B)
Alternative Name:	MEP1B (MEP1B Products)
Background:	Meprins are multidomain zinc metalloproteases that are highly expressed in mammalian kidney and intestinal brush border membranes, and in leukocytes and certain cancer cells. They are involved in the hydrolysis of a variety of peptide and protein substrates, and have been implicated in cancer and intestinal inflammation. Mature meprins are oligomers of

Target Details

evolutionarily related, but separately encoded alpha and/or beta subunits. Homooligomers of alpha subunit are secreted, whereas, oligomers containing the beta subunit are plasma membrane-bound. This gene encodes the beta subunit. Targeted disruption of this gene in mice affects embryonic viability, renal gene expression profiles, and distribution of the membrane-associated alpha subunit in kidney and intestine.

Molecular Weight: Observed_MW: 105 kDa
Calculated_MW: 79 kDa

Gene ID: 4225

UniProt: [Q16820](#)

Application Details

Application Notes: WB 1:500-1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

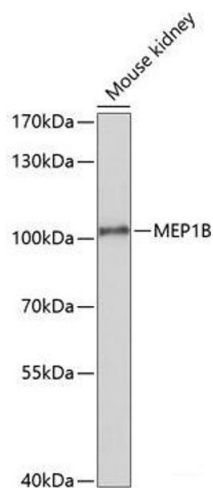
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3

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: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of Mouse kidney using MEP1B Polyclonal Antibody at dilution of 1:1000.