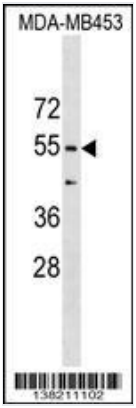
CORO1B Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CORO1B, Polyclonal Antibody
Full Product Name	CORO1B, CT (CORO1B, Coronin-1B, Coronin-2) (Azide free) (HRP)
Product Gene Name	anti-CORO1B antibody
Product Synonym Names	CORO1B; Coronin-1B; Coronin-2
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Horseradish Peroxidase (HRP).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Note: Sodium azide is a potent inhibitor of peroxidase and should not be added to HRP conjugates. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	54,235 Da
3D Structure	ModBase 3D Structure for Q9BR76
Immunogen	CORO1B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 382-409 amino acids from the C-terminal region of human CORO1B.
Conjugate	HRP
Note	Preservative Free
Product Categories/Family for anti-CORO1B antibody	Antibodies; Actin Related Proteins
Applications Tested/Suitable for anti-CORO1B antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-CORO1B antibody	WB: 1:100-500 ELISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-CORO1B antibody	Members of the coronin family, such as CORO1B, are WD repeat-containing actin-binding proteins that regulate cell motility (Cai et al., 2005 [PubMed 16027158]).
Product References and Citations for anti-CORO1B antibody	Cai, L., et al. Cell 128(5):915-929(2007). Cai, L., et al. J. Biol. Chem. 280(36):31913-31923(2005). Cai, L., et al. J. Biol. Chem. 280(36):31913-31923(2005). Parente, J.A. Jr., et al. J. Biol. Chem. 274(5):3017-3025(1999). Okumura, M., et al. DNA Cell Biol. 17(9):779-787(1998).
Other Notes	Small volumes of anti-CORO1B antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for CORO1B purchase	MBS6287981 is an antibody targeting CORO1B. Also known as CORO1B, CT (CORO1B, Coronin-1B, Coronin-2) (Azide free) (HRP). Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-CORO1B antibody
CORO1B Antibody (C-term) western blot analysis in MDA-MB453 cell line lysates (35ug/lane).This demonstrates the CORO1B antibody detected the CORO1B protein (arrow).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CORO1B. It may not necessarily be applicable to this product.

NCBI GI #	65787364
NCBI GeneID	57175
NCBI Accession #	NP_001018080.1
UniProt Primary Accession #	Q9BR76
UniProt Secondary Accession #	B2RD45
UniProt Related Accession #	Q9BR76
GenBank Nucleotide #	NM_001018070.2
NCBI Official Full Name	coronin-1B
NCBI Official Synonym Full Names	coronin 1B
NCBI Official Symbol	CORO1B
NCBI Official Synonym Symbols	CORONIN-2
UniProt Protein Name	Coronin-1B
UniProt Synonym Protein Names	Coronin-2
Protein Family	Coronin
UniProt Gene Name	CORO1B
NCBI Protein Information	coronin-1B
UniProt Comments for CORO1B	Regulates leading edge dynamics and cell motility in fibroblasts. May be involved in cytokinesis and signal transduction ().
Research Articles on CORO1B	**1.** VEGF-activated p38alpha phosphorylates coronin 1B at Ser2 and activates the Arp2/3 complex by liberating it from coronin 1B.
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