

Rabbit anti-Human, Mouse Coronin 2 Polyclonal Antibody | anti-CORO1B antibody

Rabbit anti-Coronin 2 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211415	Rabbit	Human, Mouse	Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

Coronin 2; Polyclonal Antibody; Rabbit anti-Coronin 2 Antibody; Affinity Purified; coronin; actin binding protein; 1B; coronin-1B; CORONIN-2; Coronin-1B; coronin 1B; anti-CORO1B antibody

PRODUCT SPECIFICATIONS

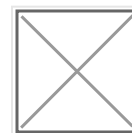
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-CORO1B antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Orangutan
Immunogen	Between 439 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human and mouse Coronin 2 by western blot (h&m) and immunoprecipitation (h). Samples: Whole cell lysate from HeLa (5, 15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded), HEK293T (T; 50 ug) and mouse NIH 3T3 (M; 50 ug) cells. Antibodies: Affinity purified rabbit anti-Coronin 2 antibody AAA211415 used for WB at 0.04 ug/ml (A) and 1 ug/ml (B) and used for IP at 3 ug/mg lysate. Coronin 2 was also immunoprecipitated by rabbit anti-Coronin 2 antibody which recognizes an upstream epitope. Detection: Chemiluminescence with exposure times of 3 seconds (A) and 1 second (B).



IHC (Immunohistochemistry)

Detection of human Coronin 2 by immunohistochemistry. Sample: FFPE section of human colon carcinoma. Antibody: Affinity purified rabbit anti-Coronin 2 (Cat. No. AAA211415) used at a dilution of 1:1,000 (0.2ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-CORO1B antibody	Coronin 2 is an F-actin binding protein that plays an important role in processes involving actin dynamics such as fibroblast migration, and phagocytosis. Coronin 2 influences actin dynamics by promoting actin depolymerization. It has been shown to interact with the Arp2/3 complex and inhibit Arp2/3-induced actin nucleation. Additionally, it can regulate motility by regulating the actin severing and disassembling activity of cofilin.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	14149734
NCBI GeneID	57175
NCBI Accession #	NP_065174.1
NCBI GenBank Nucleotide #	NM_020441.2
UniProt Accession #	Q9BR76; B2RD45
Molecular Weight	54,235 Da
NCBI Official Full Name	coronin-1B
NCBI Official Synonym Full Names	coronin, actin binding protein, 1B
NCBI Official Symbol	CORO1B
NCBI Official Synonym Symbols	CORONIN-2
NCBI Protein Information	coronin-1B
UniProt Protein Name	Coronin-1B
UniProt Gene Name	CORO1B

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/coronin-2-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/211415>