

Rabbit CD2BP2 Polyclonal Antibody | anti-CD2BP2 antibody

CD2BP2 Antibody (N-term)

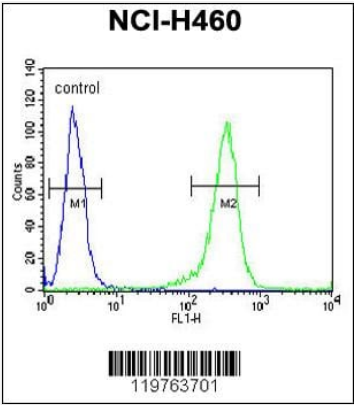
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288737	Rabbit	Human (Predicted Reactivity: Mouse)	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

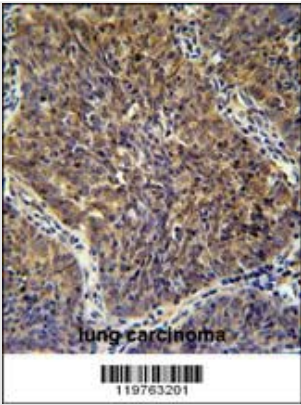
CD2BP2; Polyclonal Antibody; CD2BP2 Antibody (N-term); CD2 antigen cytoplasmic tail-binding protein 2; CD2 cytoplasmic domain-binding protein 2; CD2 tail-binding protein 2; U5 snRNP 52K protein; U5-52K; KIAA1178; anti-CD2BP2 antibody

PRODUCT SPECIFICATIONS

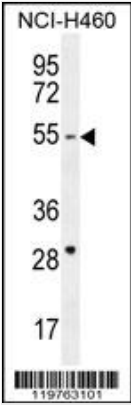
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CD2BP2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 24-52 amino acids from the N-terminal region of human CD2BP2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	24-52
Sequence Length	341
Applicable Applications for anti-CD2BP2 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
CD2BP2 Antibody (N-term) flow cytometric analysis of NCI-H460 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
CD2BP2 antibody(N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human lung carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the CD2BP2 antibody(N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
CD2BP2 Antibody (N-term) western blot analysis in NCI-H460 cell line lysates (35ug/lane). This demonstrates the CD2BP2 antibody detected the CD2BP2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-CD2BP2 antibody	This gene encodes a bi-functional protein. In the cytoplasm, the encoded protein binds the cytoplasmic tail of human surface antigen CD2 via its C-terminal GYF domain, and regulate CD2-triggered T lymphocyte activation. In the nucleus, this protein is a component of the U5 small nuclear ribonucleoprotein complex and is involved in RNA splicing. A pseudogene has been identified on chromosome 7. Alternative splicing results in multiple transcript variants but their biological validity has not been determined.
Product Categories/Family for anti-CD2BP2 antibody	Immunology
References	Heinze, M., et al. Int. Immunol. 19(11):1313-1318(2007) Nielsen, T.K., et al. J. Mol. Biol. 369(4):902-908(2007) Sugiyama, N., et al. Mol. Cell Proteomics 6(6):1103-1109(2007) Olsen, J.V., et al. Cell 127(3):635-648(2006) Al-Dhaheeri, M.H., et al. Steroids 71 (11-12), 966-978 (2006) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	343887347
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NCBI GeneID	10421
NCBI Accession #	NP_001230575.1; NP_006101.1
NCBI GenBank Nucleotide #	NM_001243646.1
UniProt Accession #	O95400; Q9ULP2; B2RDX2
Molecular Weight	37646
NCBI Official Full Name	CD2 antigen cytoplasmic tail-binding protein 2
NCBI Official Synonym Full Names	CD2 (cytoplasmic tail) binding protein 2
NCBI Official Symbol	CD2BP2
NCBI Official Synonym Symbols	LIN1; Snu40; FWP010; U5-52K; PPP1R59
NCBI Protein Information	CD2 antigen cytoplasmic tail-binding protein 2
UniProt Protein Name	CD2 antigen cytoplasmic tail-binding protein 2
UniProt Gene Name	CD2BP2
UniProt Synonym Gene Names	KIAA1178; CD2 cytoplasmic domain-binding protein 2; CD2 tail-binding protein 2; U5-52K
UniProt Entry Name	CD2B2_HUMAN

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/cd2bp2-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/288737>