

Rabbit RUNX2 Polyclonal Antibody | anti-RUNX2 antibody

Anti-RUNX2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA265203	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

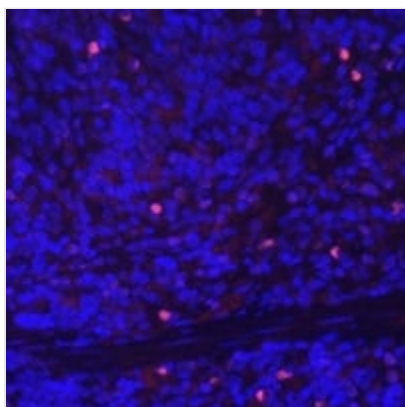
PRODUCT SYNONYMS

RUNX2; Polyclonal Antibody; Anti-RUNX2 Antibody; anti-RUNX2 antibody

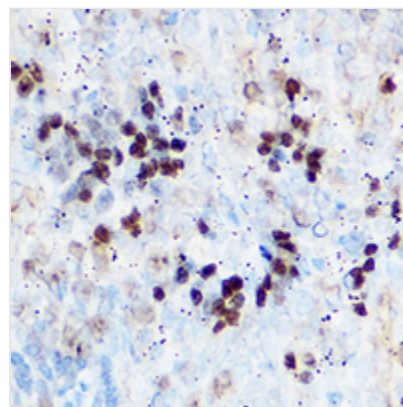
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of RUNX2 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH7.3, 30% glycerol, and 0.01% sodium azide.
Applicable Applications for anti-RUNX2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein corresponding to human RUNX2. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

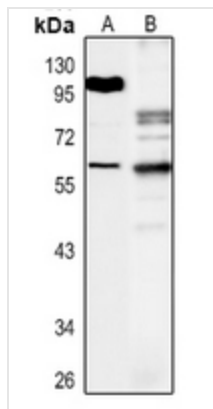
IMAGES


IF (Immunofluorescence)

Immunofluorescent analysis of RUNX2 staining in rat spleen. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).


IHC (Immunohistochemistry)

Immunohistochemical analysis of RUNX2 staining in rat spleen formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of RUNX2 expression in HeLa (A), mouse testis (B) whole cell lysates.
(Predicted band size: 54; 55; 56 kD; Observed band size: 60 kD)

ADDITIONAL INFORMATION

Related Product Information for anti-RUNX2 antibody	Rabbit polyclonal antibody to RUNX2
Product Categories/Family for anti-RUNX2 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	17368460
NCBI GeneID	860
UniProt Accession #	Q13950 ; Q08775 ; Q9Z2J9
Molecular Weight	507
NCBI Official Full Name	Runt-related transcription factor 2
NCBI Official Synonym Full Names	runt-related transcription factor 2
NCBI Official Symbol	RUNX2
NCBI Official Synonym Symbols	CCD; AML3; CCD1; CLCD; OSF2; CBFA1; OSF-2; PEA2aA; PEBP2aA; CBF-alpha-1
NCBI Protein Information	runt-related transcription factor 2; PEA2-alpha A; PEBP2-alpha A; oncogene AML-3; acute myeloid leukemia 3 protein; SL3-3 enhancer factor 1 alpha A subunit; osteoblast-specific transcription factor 2; SL3/AKV core-binding factor alpha A subunit; core-bind
UniProt Protein Name	Runt-related transcription factor 2
UniProt Gene Name	RUNX2
UniProt Synonym Gene Names	AML3; CBFA1; OSF2; PEBP2A; CBF-alpha-1; OSF-2; PEA2-alpha A; PEBP2-alpha A
UniProt Entry Name	RUNX2_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/runx2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/265203>