

Rabbit anti-Human Runx1 Polyclonal Antibody | anti-Runx1 antibody

Mouse Runx1 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285818	Rabbit	Human	ELISA, Western Blot

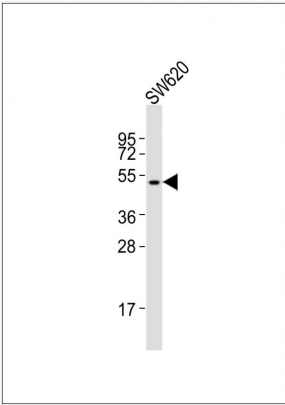
PRODUCT SYNONYMS

Runx1; Polyclonal Antibody; Mouse Runx1 Antibody (C-term); Runt-related transcription factor 1; Acute myeloid leukemia 1 protein; Core-binding factor subunit alpha-2; CBF-alpha-2; Oncogene AML-1; Polyomavirus enhancer-binding protein 2 alpha B subunit; PEA2-alpha B; PEBP2-alpha B; SL3-3 enhancer factor 1 alpha B subunit; SL3/AKV core-binding factor alpha B subunit; Aml1; Cbfa2; Pebp2ab; anti-Runx1 antibody

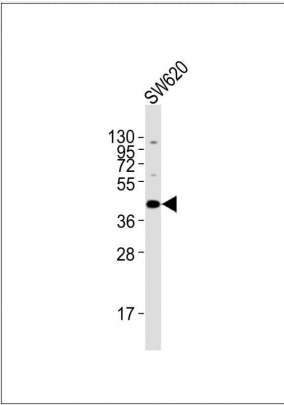
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Mouse Runx1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 305-339 amino acids from the C-terminal region of Mouse Runx1.
Purity/Purification	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 Length	451
Applicable Applications for anti-Runx1 antibody	ELISA, WB (Western Blot)
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.

IMAGES



WB (Western Blot)
Anti-Runx1 Antibody (C-term) at 1:2000 dilution + SW620 whole cell lysates. Lysates/proteins at 20 ug per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 49 kDa. Blocking/Dilution buffer: 5% NFDm/TBST.



WB (Western Blot)
Anti-Runx1 Antibody (C-term) at 1:2000 dilution + SW620 whole cell lysates. Lysates/proteins at 20 ug per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 49 kDa. Blocking/Dilution buffer: 5% NFDm/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-Runx1 antibody	CBF binds to the core site, 5'-PYGPGYGGT-3', of a number of enhancers and promoters, including murine leukemia virus, polyomavirus enhancer, T-cell receptor enhancers, LCK, IL-3 and GM-CSF promoters. Essential for the development of normal hematopoiesis. Isoform 4 shows higher binding activities for target genes and binds TCR-beta-E2 and RAG-1 target site with threefold higher affinity than other isoforms. It is less effective in the context of neutrophil terminal differentiation. Acts synergistically with ELF4 to transactivate the IL-3 promoter and with ELF2 to transactivate the BLK promoter. Inhibits KAT6B- dependent transcriptional activation (By similarity).
Product Categories/Family for anti-Runx1 antibody	Stem Cells
References	Bae S.-C., et al. Oncogene 8:809-814(1993). Bae S.-C., et al. Mol. Cell. Biol. 14:3242-3252(1994). Calabi F., et al. Submitted (APR-1996) to the EMBL/GenBank/DDBJ databases. Tsuji K., et al. Biochem. Biophys. Res. Commun. 274:171-176(2000). Fujita Y., et al. Biochem. Biophys. Res. Commun. 281:1248-1255(2001).

NCBI AND UNIPROT INFORMATION

NCBI GI #	2498127
UniProt Accession #	Q03347; O08598; Q62049; Q9ESB9; Q9ET65
Molecular Weight	48610
NCBI Official Full Name	Runt-related transcription factor 1
UniProt Protein Name	Runt-related transcription factor 1
UniProt Gene Name	Runx1
UniProt Synonym Gene Names	Aml1; Cbfa2; Pebp2ab; CBF-alpha-2; PEA2-alpha B; PEBP2-alpha B
UniProt Entry Name	RUNX1_MOUSE

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.