

anti-Human, Mouse AML1 Antibody | anti-AML1 antibody

AML1 (Phospho-Ser303) Antibody

CATALOG # AAA267389	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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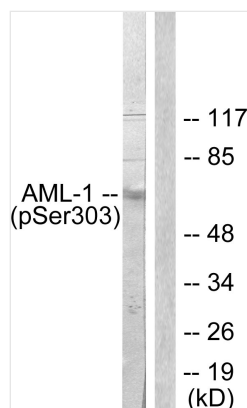
PRODUCT SYNONYMS

AML1; AML1 (Phospho-Ser303) Antibody; Acute myeloid leukemia 1 protein; CBF-alpha 2; CBFA2; Core-binding factor; alpha 2 subunit; Oncogene AML-1; PEA2-alpha B; PEBP2-alpha B; Polyomavirus enhancer binding protein 2 alpha B subunit; RUN1; RUNX1; Runt-related transcription factor 1; SL3-3 enhancer factor 1 alpha B subunit; SL3/AKV core-binding factor alpha B subunit; anti-AML1 antibody

PRODUCT SPECIFICATIONS

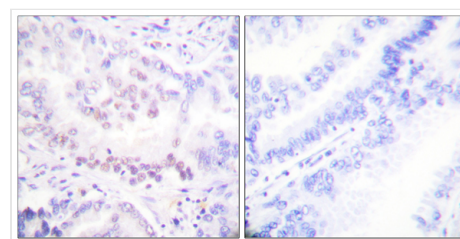
Reactivity	Human, Mouse
Specificity	AML1 (Phospho-Ser303) antibody detects endogenous levels of AML-1/RUNX1 only when phosphorylated at serine 303.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	453
Applicable Applications for anti-AML1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human AML-1/RUNX1 around the phosphorylation site of serine 303 (P-I-SP-P-G).
All Sites	Human: Ser303 Mouse: Ser276
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



WB (Western Blot)

Western blot analysis of extracts from Jurkat cells, using AML1 (Phospho-Ser303) Antibody (#A0409).



IHC (Immunohistochemistry)

P-peptide+ Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue using AML1 (Phospho-Ser303) Antibody (#A0409).

ADDITIONAL INFORMATION

References	S Meyers, Mol. Cell. Biol., Oct 1993; 13: 6336-6345. Chaitali Banerjee, PNAS, May 1996; 93: 4968. Jennifer J. Westendorf, Mol. Cell. Biol., Jan 1998; 18: 322-333. Ari Melnick, Blood, Dec 2000; 96: 3939-3947.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	49574546
NCBI GeneID	861
NCBI Accession #	NP_001001890.1
NCBI GenBank Nucleotide #	NM_001001890.2
UniProt Accession #	Q01196; O60472; O60473; O76047; O76089; Q13081; Q13755; Q13756; Q13757; A8MV94; B2RMS4; D3DSG1
Molecular Weight	37,733 Da
NCBI Official Full Name	runt-related transcription factor 1 isoform AML1b
NCBI Official Synonym Full Names	runt related transcription factor 1
NCBI Official Symbol	RUNX1
NCBI Official Synonym Symbols	AML1; CBFA2; EVI-1; AMLCR1; PEBP2aB; CBF2alpha; AML1-EVI-1; PEBP2alpha
NCBI Protein Information	runt-related transcription factor 1
UniProt Protein Name	Runt-related transcription factor 1
UniProt Gene Name	RUNX1
UniProt Synonym Gene Names	AML1; CBFA2; CBF-alpha-2; PEA2-alpha B; PEBP2-alpha B

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.