

## Rabbit AML1 Polyclonal Antibody | anti-AML1 antibody

AML1 (Phospho-Ser303) Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                              |
|-----------|--------|-------------------|-------------------------------------------|
| AAA316130 | Rabbit | Human, Mouse, Rat | ELISA, Immunohistochemistry, Western Blot |

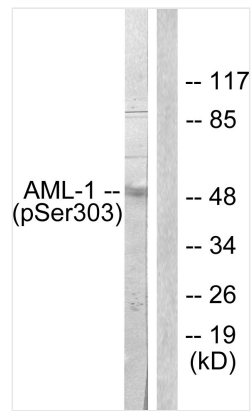
### PRODUCT SYNONYMS

AML1; Polyclonal Antibody; 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; Runt-related transcription factor 1; RUNX1; SL3-3 enhan; anti-AML1 antibody

### PRODUCT SPECIFICATIONS

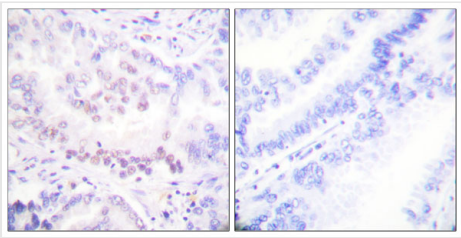
|                                                |                                                                                                                                                                                                  |
|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                                                           |
| Reactivity                                     | Human, Mouse, Rat                                                                                                                                                                                |
| Clonality                                      | Polyclonal                                                                                                                                                                                       |
| Specificity                                    | AML1 (Phospho-Ser303) Antibody detects endogenous levels of AML1 only when phosphorylated at Ser303.                                                                                             |
| Purity/Purification                            | Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide. |
| Form/Format                                    | Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                                               |
| Concentration                                  | 1 mg/ml (varies by lot)                                                                                                                                                                          |
| Sequence Length                                | 348                                                                                                                                                                                              |
| Applicable Applications for anti-AML1 antibody | ELISA, IHC (Immunohistochemistry), WB (Western Blot)                                                                                                                                             |
| Target Modification                            | Phospho                                                                                                                                                                                          |
| Modification Sites                             | H:S276; M:S276; R:S276                                                                                                                                                                           |
| Immunogen                                      | The antiserum was produced against synthesized peptide derived from human AML1 around the phosphorylation site of Ser303.                                                                        |
| Immunogen Range                                | 269-318                                                                                                                                                                                          |
| Preparation and Storage                        | Stable at -20 degree C for at least 1 year.                                                                                                                                                      |

IMAGES



WB (Western Blot)

Western blot analysis of lysates from Jurkat cells, using AML1 (Phospho-Ser303) Antibody. The lane on the right is blocked with the phospho peptide.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human lung carcinoma, using AML1 (Phospho-Ser303) Antibody. The picture on the right is blocked with the phospho peptide.

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                 | 48 kDa                                                                                         |
| 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.