RUNX1 Antibody
Cat. No.: 5149

Specifications

<table>
<thead>
<tr>
<th>HOST SPECIES:</th>
<th>Rabbit</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPECIES REACTIVITY:</td>
<td>Human, Mouse, Rat</td>
</tr>
<tr>
<td>IMMUNOGEN:</td>
<td>RUNX1 antibody was raised against a 16 amino acid synthetic peptide from near the center of human RUNX1. The immunogen is located within amino acids 160 - 210 of RUNX1.</td>
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<tr>
<td>TESTED APPLICATIONS:</td>
<td>ELISA, WB</td>
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<td>APPLICATIONS:</td>
<td>RUNX1 antibody can be used for detection of RUNX1 by Western blot at 1 - 2 μg/mL. Antibody validated: Western Blot in human samples. All other applications and species not yet tested.</td>
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<tr>
<td>POSITIVE CONTROL:</td>
<td>1) Cat. No. 1207 - Raji Cell Lysate</td>
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</tbody>
</table>

Properties

<table>
<thead>
<tr>
<th>PURIFICATION:</th>
<th>RUNX1 Antibody is affinity chromatography purified via peptide column.</th>
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<tbody>
<tr>
<td>CLONALITY:</td>
<td>Polyclonal</td>
</tr>
<tr>
<td>ISOTYPE:</td>
<td>IgG</td>
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</table>
CONJUGATE: Unconjugated

PHYSICAL STATE: Liquid

BUFFER: RUNX1 Antibody is supplied in PBS containing 0.02% sodium azide.

CONCENTRATION: 1 mg/mL

STORAGE CONDITIONS: RUNX1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

OFFICIAL SYMBOL: RUNX1

ALTERNATE NAMES: RUNX1 Antibody: AML1, CBFA2, EVI-1, AMLCR1, PEBP2aB, AML1-EVI-1, AML1, Runt-related transcription factor 1, Acute myeloid leukemia 1 protein, CBF-alpha-2

ACCESSION NO.: AAI36381

PROTEIN GI NO.: 223459612

GENE ID: 861

USER NOTE: Optimal dilutions for each application to be determined by the researcher.

BACKGROUND: RUNX1 Antibody: RUNX1 is one of three mammalian RUNX genes that control multiple aspects of embryonic development and are responsible for the pathogenesis of many human diseases. RUNX1 plays major roles in the development of nociceptive sensory neurons in addition to hematopoietic stem cells (HSC) with the exception of the erythroid lineage. During development, Notch signals mediate RUNX1 induction with SCL/GATA/Ets factors, and Wnt signals potentially cooperate with RUNX1 to facilitate adult HSC expansion via cooperative induction of cyclin D, cdk4, and other cell cycle regulators. In turn, RUNX1 regulates cell cycle transitions dependent on functional/physical interactions with other proteins such as HDAC1 and -3, mSin3A, p300, SMAD proteins, and LEF/TCF.


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