

Anti-RUNX1 Rabbit pAb



WL02606

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

| | | | |
|---|---|---------------|--|
| Product name | Anti-RUNX1 Rabbit pAb | | |
| Source | Rabbit | | |
| Species reactivity | Human, Mouse, Rat | | |
| Tested applications | Western blot | 1:1000-1:2000 | |
| | Immunohistochemistry | 1:100-1:400 | |
| | Immunofluorescence | 1:100-1:400 | |
| <i>*Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own experiment using appropriate negative and positive controls.</i> | | | |
| Molecular Wt. | 48-55 kDa | | |
| Pack size | 50/100/200/500/1000μl | | |
| Storage | Store at -20°C. Avoid freeze/thaw cycles. | | |
| Storage buffer | Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 μg/ml BSA, 50% glycerol and less than 0.02% sodium azide | | |

General Information

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|---------------------|---|
| Background | RUNX1 (also known as AML1, CBFA2, and PEBP2αB) is a member of the core binding factor (CBF) family of transcription factors. RUNX1 is involved in hematopoiesis and is frequently targeted in human leukemia by chromosomal translocations that fuse the DNA-binding domain of RUNX1 to other transcription factors and corepressor molecules. Chromosomal translocations involving the RUNX1 gene are associated with several types of leukemia including M2 AML. Mutations in RUNX1 are implicated in cases of breast cancer. |
| Immunogen | Polyclonal antibody is produced by immunizing animals with a synthetic peptide of RUNX1. |
| Purification | Polyclonal antibody was purified by Protein A affinity chromatography. |

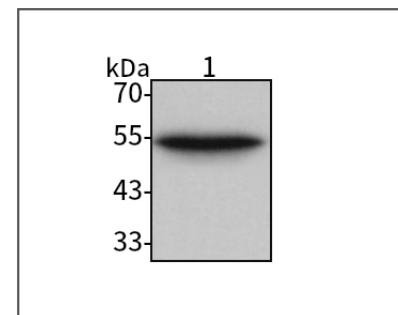
Anti-RUNX1 Rabbit pAb



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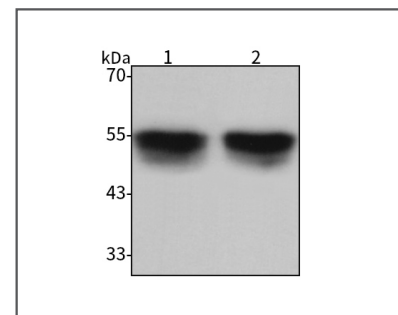
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Product Images



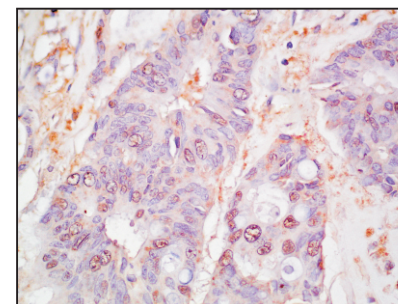
Western blot-Anti-RUNX1 pAb

Lane 1: Human THP-1 cell lysate 30μg
 Separation gel: 10% polyacrylamide
 Electrophoresis: 100V, 4°C, 3h
 Transmembrane: 100V, 4°C, 1h
 Blocking: 5% w/v nonfat dry milk, 1×TBST, at RT with gentle shaking
 Primary antibody: 1:1000 in blocking buffer, 4°C, overnight
 Secondary antibody (WLA023a) : 1:5000-1:10000, 45min
 Detection: ECL, 30s-2min



Western blot-Anti-RUNX1 pAb

Lane 1: Mouse lung tissue lysate 30μg
 Lane 2: Rat lung tissue lysate 30μg
 Separation gel: 10% polyacrylamide
 Electrophoresis: 100V, 4°C, 3h
 Transmembrane: 100V, 4°C, 1h
 Blocking: 5% w/v nonfat dry milk, 1×TBST, at RT with gentle shaking
 Primary antibody: 1:1000 in blocking buffer, 4°C, overnight
 Secondary antibody (WLA023a) : 1:5000-1:10000, 45min
 Detection: ECL, 30s-2min



Immunohistochemistry-Anti-RUNX1 pAb

Sample: Human colon cancer tissue
 Antigen retrieval: pH 9.0 Tris-EDTA buffer
 Primary antibody: 1:200, 4°C, overnight
 Secondary antibody-Biotin: 1:150, 37°C, 1h
 Streptavidin-HRP: 1:200, 37°C, 30min
 Color Developing: DAB

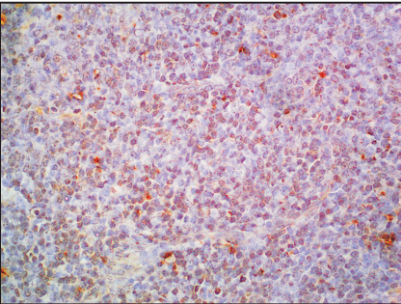
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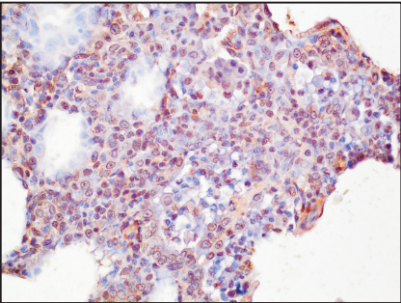
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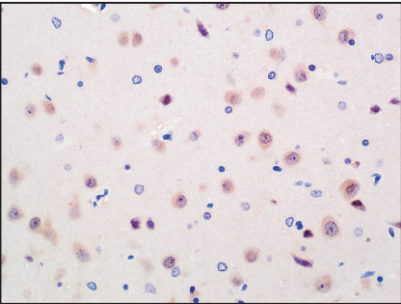
Immunohistochemistry-Anti-RUNX1 pAb

Sample: Mouse spleen tissue
Antigen retrieval: pH 9.0 Tris-EDTA buffer
Primary antibody: 1:200, 4°C, overnight
Secondary antibody-Biotin: 1:150, 37°C, 1h
Streptavidin-HRP: 1:200, 37°C, 30min
Color Developing: DAB



Immunohistochemistry-Anti-RUNX1 pAb

Sample: Rat lung tissue
Antigen retrieval: pH 9.0 Tris-EDTA buffer
Primary antibody: 1:200, 4°C, overnight
Secondary antibody-Biotin: 1:150, 37°C, 1h
Streptavidin-HRP: 1:200, 37°C, 30min
Color Developing: DAB



Immunohistochemistry-Anti-RUNX1 pAb

Sample: Rat brain tissue
Antigen retrieval: pH 9.0 Tris-EDTA buffer
Primary antibody: 1:200, 4°C, overnight
Secondary antibody-Biotin: 1:150, 37°C, 1h
Streptavidin-HRP: 1:200, 37°C, 30min
Color Developing: DAB

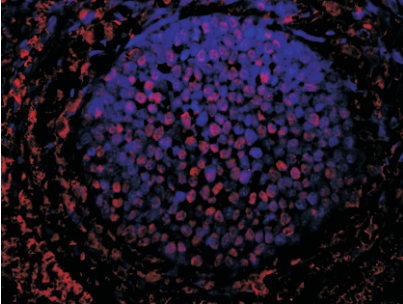
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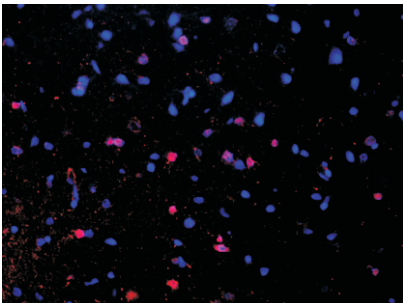
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Immunofluorescence-Anti-RUNX1 pAb

Sample: Rat ovary tissue
Primary antibody: 1:200, 4°C, overnight
Secondary antibody-CV3: 1:200, at room temperature, 1h



Immunofluorescence-Anti-RUNX1 pAb

Sample: Rat brain tissue
Primary antibody: 1:200, 4°C, overnight
Secondary antibody-CV3: 1:200, at room temperature, 1h