

## RUNX1/RUNX2/RUNX3 Rabbit mAb

Catalog No: #56068

Package Size: #56068-1 50ul #56068-2 100ul

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## Description

Product Name	RUNX1/RUNX2/RUNX3 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF
Species Reactivity	Human;Mouse;Rat
Specificity	RUNX1/RUNX2/RUNX3 Antibody detects endogenous levels of total RUNX1/RUNX2/RUNX3
Immunogen Description	A synthesized peptide derived from human RUNX1/RUNX2/RUNX3
Conjugates	Unconjugated
Other Names	RUNX1; AML1; RUNX2; OSF2; RUNX3; CBFA3;
Accession No.	Uniprot:Q01196/Q13761/Q13950
Calculated MW	49kDa
SDS-PAGE MW	50kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

## Application Details

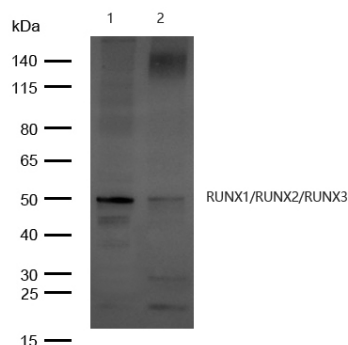
WB:1:500~1:2000

IHC:1:50~1:200

ICC/IF:1:50~1:200

IP:1:50

## Images



All lanes: RUNX1/RUNX2/RUNX3 Rabbit mAb at 1/1k dilution

Lane 1 : MOLT4 whole cell lysates

Lane 2 : 3T3 whole cell lysates

Lysates/proteins at 20 µg per lane.

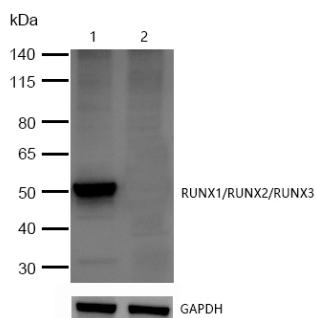
Secondary

All lanes : Goat Anti-Rabbit IgG H&amp;L (HRP) at 1/20000 dilution

Predicted band size: 49 kDa

Observed band size: 50 kDa

Exposure time: 12 seconds

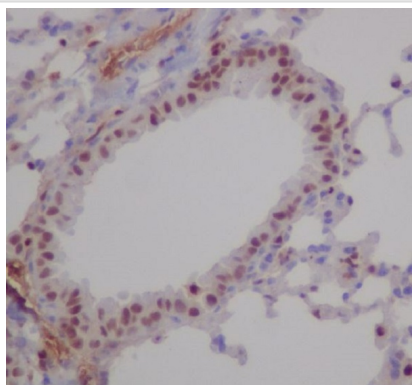


All lanes: RUNX1/RUNX2/RUNX3 Rabbit mAb at 1/1k dilution

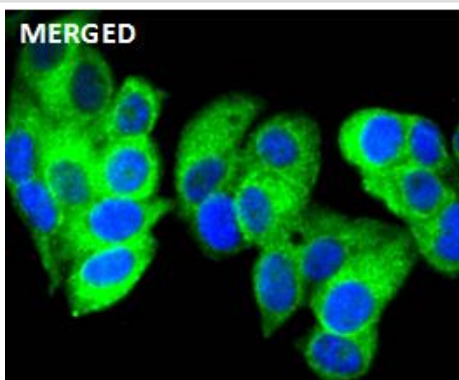
Lane 1 : Wild-type HeLa cell lysate

Lane 2 : RUNX1/RUNX2/RUNX3 knockdown HeLa cell lysate

Lysates/proteins at 20 µg per lane.



Formalin-fixed, paraffin-embedded mouse lung tissue stained for RUNX1/RUNX2/RUNX3 using 56068 at 1/100 dilution in immunohistochemical analysis.



Immunocytochemistry/ Immunofluorescence

RUNX1/RUNX2/RUNX3 antibody (56068)

ICC/IF staining of RUNX1/RUNX2/RUNX3 in HeLa cells.

Cells were fixed with 4% Paraformaldehyde permeabilized with 0.1% Triton X-100.

Samples were incubated with 56068 at a working dilution of 1/100. The secondary antibody was Alexa FluorB 488 goat anti rabbit, used at a dilution of 1/500.

Nuclei were counterstained with

DAPI.

## Product Description

RUNX2 regulates the transcription of various genes including osteopontin, bone sialoprotein, and osteocalcin via binding to the core site of the enhancers or promoters. RUNX3/AML2 is a member of the Runt family of transcription factors. RUNX3 is important for the suppression of cell proliferation in the gastric epithelium, neurogenesis of the dorsal root ganglia, and T cell differentiation.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.