Recombinant RUNX3 Monoclonal Antibody

catalog number: **AN301806L**

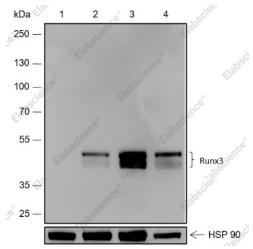
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human
Immunogen	Recombinant human RUNX3 fragment
Host	Rabbit
Isotype	Rabbit IgG
Clone	C331428
Purification	Protein A affinity purification
Conjugation	Unconjugated
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
WB	1:500-1:1000
IP	1:25-1:50

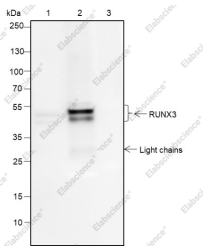
Data



Western Blot with RUNX3 Monoclonal Antibody at dilution of 1:1000. Lane 1: MCF-7(Negative control), Lane 2: Ramos, Lane 3: Raji, Lane 4: HT-1080

Observed-MW:44-46 kDa

Calculated-MW:46 kDa



Immunoprecipitation analysis using anti-RUNX3 Monoclonal Antibody. Western blot was performed from the immunoprecipitate using RUNX3 Monoclonal Antibody at a dilution of 1:50. Lane 1: 10% Input, Lane 2: RUNX3 Monoclonal Antibody, Lane 3: Rabbit monoclonal IgG Isotype

Observed-MW:44-46 kDa

Calculated-MW:46 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze/thaw cycles.
Shipping	Ice bag

Background

RUNX3 is a member of the Runt family of transcription factors, playing an important role in the suppression of gastric epithelium cell proliferation, dorsal root ganglia neurogenesis, and T cell differentiation. RUNX3 is also involved in Caspase-3-dependent apoptosis. Protein complexes containing RUNX3 and various transcription factors, such as Smads or β-catenin/TCF4, have tumor suppressor activity and regulate downstream target gene transcription. While typically localized to the nucleus, RUNX3 can be tyrosine phosphorylated and located in the cytoplasm of many cancer cells. This mislocalization of RUNX3 abolishes its tumor suppressor function and contributes to tumorigenesis.

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