

**Product Name: Stromal Interaction Molecule 1 Rabbit
Monoclonal Antibody
Catalog #: AMRe02646**



Summary

Production Name	Stromal Interaction Molecule 1 Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

Gene Name	STIM1
Alternative Names	GOK; TAM; TAM1; IMD10; STRMK; D11S4896E
Gene ID	6786
SwissProt ID	Q13586

Application

Dilution Ratio	WB: 1/500-1/1000
Molecular Weight	Calculated MW: 77 kDa; Observed MW: 77 kDa

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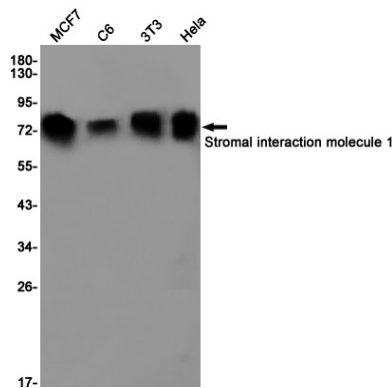
Background

STIM1 is a potential tumor suppressor; defects in STIM1 may cause rhabdomyosarcoma and rhabdoid tumors. STIM1 can either homodimerize or form heterodimers with STIM2. STIM2 possesses a high sequence identity to STIM1 and can function as an inhibitor of STIM1-mediated plasma membrane store-operated Ca²⁺ entry. However, further investigation is required to elucidate the true physiological function of STIM2.

Research Area

Neuroscience

Image Data



Western blot analysis of Stromal interaction molecule 1 in MCF-7, C6, 3T3, HeLa lysates using Stromal Interaction Molecule 1 antibody.

Note

For research use only.