

Datasheet for ABIN1305051
anti-RPS4X antibody (AA 477-498)



[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	RPS4X
Binding Specificity:	AA 477-498
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This RPS4X antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)

Product Details

Immunogen:	Synthetic peptide amino acids 477-498 of human Wave1/Wasp family 1(CQVIPASEPKRHPSTLPVISDAR, accession number Q92558)
Clone:	K91-36
Isotype:	IgG1
Specificity:	No off-targets reported
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Description: Our Anti-WAVE1/SCAR mouse monoclonal primary antibody is produced in-house from hybridoma clone K91/36. It is KO validated, detects human, mouse, and rat WAVE1/SCAR, and is purified by Protein A chromatography. It is great for use in IHC, ICC, IP, WB. Manufacturer Comment: We produce our WAVE1/SCAR mouse monoclonal primary antibody

Product Details

	from hybridoma clone K91/36. It is great in IHC, ICC, IP, WB and is purified by Protein A chromatography.
Purification:	Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography.
Purity:	> 90% specific antibody

Target Details

Target:	RPS4X
Alternative Name:	SCAR (RPS4X Products)
Background:	<p>Synonyms: Wiskott-Aldrich syndrome protein family member 1 (WASP family protein member 1) (Protein WAVE-1) (Verprolin homology domain-containing protein 1)</p> <p>Target Description: Wiskott-Aldrich syndrome protein family member 1, Verprolin Homology Domain-Containing Protein 1, Protein WAVE-1 or SCAR1 is encoded by the gene WASF1 and is a member of the Wiskott-Aldrich syndrome protein (WASP)-family. WAVE1/SCAR is an effector protein which transmits of signals from tyrosine kinase receptors and small GTPases to the actin cytoskeleton. WAVE1/SCAR acts as part of the WAVE complex which is involved in the regulation of actin filament reorganization and membrane ruffling. WAVE1/SCAR is expressed in many tissues including brain, ovary, colon, kidney, pancreas and thymus. Diseases associated with this gene include Wiskott-Aldrich Syndrome and Alacrima, Achalasia, And Mental Retardation Syndrome.</p> <p>Gene Name Alternatives: WASF1 KIAA0269 SCAR1 WAVE1</p>
Molecular Weight:	75 kDa
UniProt:	Q92558

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	10 mM Tris, 50 mM Sodium Chloride, 0.065 % Sodium Azide pH 7.4

Handling

Storage: 4 °C, -20 °C

Storage Comment: Aliquot and store at $\leq -20^{\circ}\text{C}$ for long term storage. For short term storage, store at 2-8°C. For maximum recovery of product, centrifuge the vial prior to removing the cap.

Expiry Date: 24 months