

Anti-WASF2/WAVE2 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

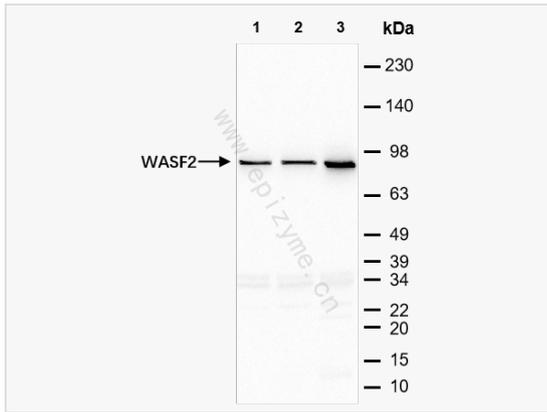
Catalog # R014643

Product Information

Application	WB, ELISA
Reactivity	Human
Dilution	WB 1:1,000~1:2,000
Host	Rabbit
Clonality	Monoclonal
Clone No.	81H55R20
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human WASF2
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-WASF2/WAVE2 Rabbit mAb [81H55R20] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	DICTYOSTELIUM, dJ393P12.2, IMD2, Protein WAVE-2, Putative Wiskott Aldrich syndrome protein family member 4, SCAR 2, SCAR, SCAR2, Suppressor of cyclic-AMP receptor (WASP family), Verprolin homology domain-containing protein 2, WASF2, WASF2_HUMAN, WASF4, WASP family protein member 2, WASP family protein member 4, WASP family Verprolin homologous protein 2, WASP-family protein member 2, WAVE 2, WAVE2, Wiskott-Aldrich syndrome protein family member 2, Wiskott-Aldrich syndrome protein family verprolin-homologous protein.
Calculated MW	Calculated MW: 54 kDa; Observed MW: 80 kDa
Uniprot ID	Q9Y6W5
Gene ID	10163
Background	Wiskott-Aldrich syndrome proteins (WASPs) mediate actin dynamics by activating the Arp2/3 actin nucleation complex in response to activated Rho family GTPases. In mammals, five WASP family members have been described. Hematopoietic WASP and ubiquitously expressed N-WASP are autoinhibited in unstimulated cells.
Cellular Location	Cytoplasm > cytoskeleton. Cell projection > lamellipodium. At the interface between the lamellipodial actin meshwork and the membrane.
Tissue Location	Expressed in all tissues with strongest expression in placenta, lung, and peripheral blood leukocytes, but not in skeletal muscle.



Western Blot - Anti-WASF2/WAVE2 Rabbit mAb [81H55R20]

All lanes: R014643 at 1:1,000 dilution

Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates

Lane 2: HepG2 (Human hepatocarcinoma epithelial cell) whole cell lysates

Lane 3: HCT116 (Human colorectal carcinoma epithelial cell) whole cell lysates

Lysates/proteins at 10 μ g per lane.

Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 54 kDa

Observed band size: 80 kDa

Developed using the ECL technique (Cat. No. SQ201).