

Product datasheet for **TA369743**

WAVE 1 (WASF1) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: U251, Hela, NIH/3T3, K562, 293T cell lysates IHC: 50-200 Positive control: Human tonsil Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human WASF1
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	62 kDa
Gene Name:	WAS protein family member 1
Database Link:	Entrez Gene 8936 Human Q92558



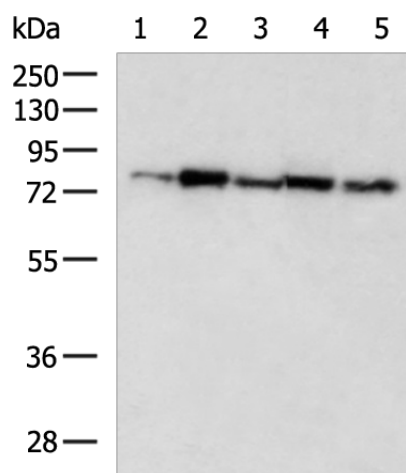
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Background:

The protein encoded by this gene, a member of the Wiskott-Aldrich syndrome protein (WASP)-family, plays a critical role downstream of Rac, a Rho-family small GTPase, in regulating the actin cytoskeleton required for membrane ruffling. It has been shown to associate with an actin nucleation core Arp2/3 complex while enhancing actin polymerization in vitro. Wiskott-Aldrich syndrome is a disease of the immune system, likely due to defects in regulation of actin cytoskeleton. Multiple alternatively spliced transcript variants encoding the same protein have been found for this gene.

Synonyms:

FLJ31482; KIAA0269; OTTHUMP00000016990; SCAR1; WAVE; WAVE1

Product images:

Gel: 8%SDS-PAGE

Lysate: 40 µg

Lane 1-5: U251

HeLa

NIH/3T3

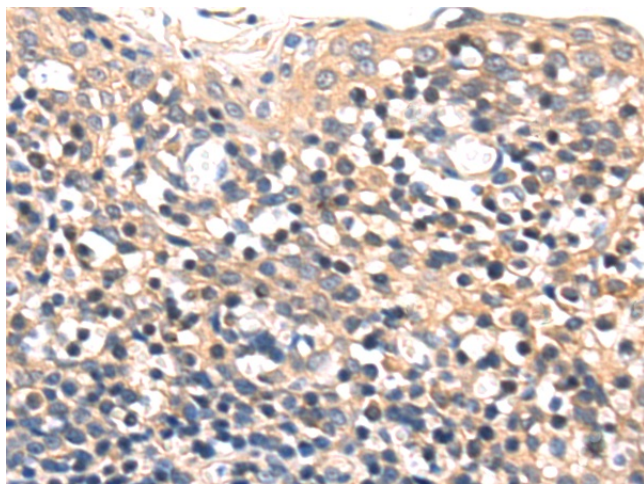
K562

293T cell lysates

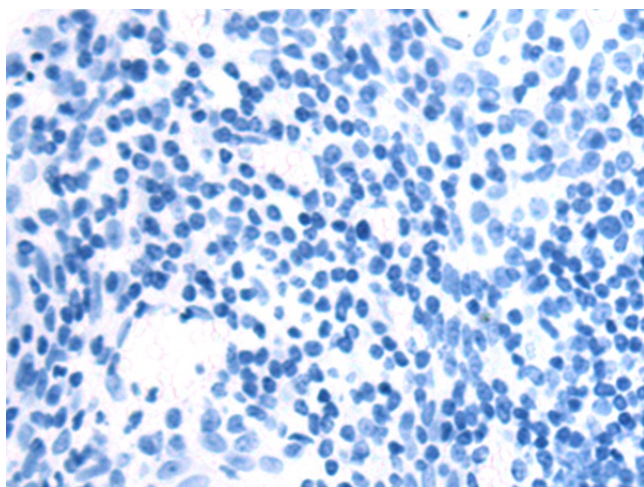
Primary antibody: TA369743 (WASF1 Antibody) at dilution 1/800

Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution

Exposure time: 3 seconds



Immunohistochemistry of paraffin-embedded Human tonsil tissue using TA369743 (WASF1 Antibody) at dilution 1/80 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human tonsil tissue using TA369743 (WASF1 Antibody) at dilution 1/80, treated with fusion protein. (Original magnification: x200)