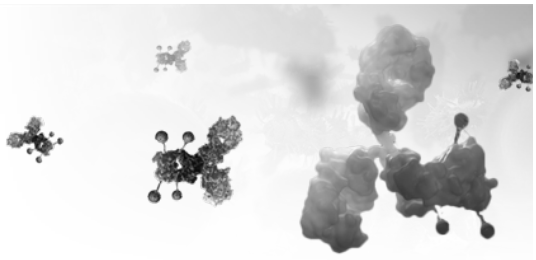

Rabbit Anti-Human VASP monoclonal antibody, clone TZ13-27 (CABT-L636)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	VASP
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	TZ13-27
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, IP
Molecular Weight	46 kDa
Cellular Localization	Cytoplasm, Cell junction, Cell projection.
Positive Control	HT29, MCF-7, Hela.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.
Preservative	0.05% Sodium Azide

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Storage	Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

BACKGROUND

Introduction	The Wiskott-Aldrich syndrome (WAS) is characterized by thrombocytopenia, eczema, defects in cell-mediated and humoral immunity, and a propensity for lymphoproliferative diseases. The syndrome is the result of a mutation in the gene encoding a proline-rich protein termed WASP. WASP has been identified as a downstream effector of Cdc42 and has been implicated in Actin polymer-ization and cytoskeletal organization. A distantly related protein, VASP (vaso-dilator-stimulated phosphoprotein), is involved in the maintenance of cytoarchitecture by interacting with Actin-like filaments. VASP shares a limited degree of homology with the amino-terminus of WASP, which is frequently mutated in WAS patients. An established substrate of cAMP and cGMP de-pendent kinases, VASP is phosphorylated on a regulatory Serine residue 157 and localizes to focal adhesions, microfilaments and highly active regions of the plasma membrane. VASP is highly expressed in human platelets and, like WASP, may play a role in cytoskeletal organization.
Keywords	Vasodilator stimulated phosphoprotein;Vasodilator-stimulated phosphoprotein;VASP;VASP_HUMAN antibody

GENE INFORMATION

Entrez Gene ID	7408
UniProt ID	A0A024R0V4

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