



Llama Anti-Human VASP Monoclonal Antibody, clone Oc91 (CABT-Z353L)

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

PRODUCT INFORMATION

Product Overview	This antibody comes with a COOH-terminal HA epitope tag.
Immunogen	A protein fragment encompassing human VASP amino acids 1-343.
Source/Host	Llama
Species Reactivity	Human
Clone	Oc91
Purification	Purified
Conjugate	Unconjugated
Applications	Pharmacodynamics, IP, ELISA
Format	Liquid
Concentration	Lot specific
Size	100 µg
Buffer	20 mM Tris-HCl, pH 8.0, 150 mM NaCl, 1mM DTT, 60 % glycerol.
Preservative	None
Storage	Store at -20°C upon arrival. For long term storage, aliquot and store at -80°C. Avoid repeated freeze/thaw cycles.
Ship	Wet ice

BACKGROUND

Introduction

Vasodilator-stimulated phosphoprotein (VASP) is a protein of 380 amino acids and belongs to the EnaVASP family of modular actin associated proteins. They are built up of an N-terminal EVH1 domain, a proline-rich region in the middle and a C-terminal EVH2 domain. The first domain indirectly mediates targeting to focal adhesions while the EVH2 domain mediates VASP tetramerization, and binds to actin. VASP is phosphorylated by protein kinases A and G. Its phosphorylation is used to monitor antiplatelet drugs as it is involved in the regulation of platelet aggregation. VASP interacts with a number of other (cytoskeletal) proteins, including profilins, zyxin, and the Listeria protein ActA. It can be found at the leading edge of lamellipodia and in filopodia. This family of proteins contributes to cell migration and axon guidance.

Keywords

VASP;vasodilator-stimulated phosphoprotein

GENE INFORMATION

Gene Name VASP

Entrez Gene ID [7408](#)

UniProt ID [A0A024R0V4](#)