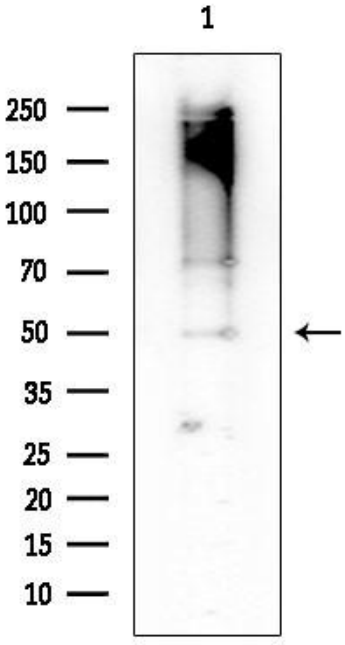
Product name:	VASP (Phospho Ser239) Rabbit Polyclonal Antibody
Cat number:	ABN59220
Conjugate:	Unconjugated
Size:	100 ul
Clone:	POLY
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG,Kappa
Immunogen:	Synthesized phosho peptide around human VASP (Ser239)
Reactivity:	Human,Mouse, Rat
Applications:	Western Blot: 1:1000-2000
Molecular Weight:	46kDa,50kDa
Purification:	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Form:	liquid
Buffer:	PBS containing 50% glycerol, 0.5% Protective protein and 0.02% sodium azide.
Storage:	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Background:	Vasodilator-stimulated phosphoprotein (VASP) is a member of the Ena-VASP protein family. Ena-VASP family members contain an EHV1 N-terminal domain that binds proteins containing E/DFPPPPXD/E motifs and targets Ena-VASP proteins to focal adhesions. In the mid-region of the protein, family members have a proline-rich domain that binds SH3 and WW domain-containing proteins. Their C-terminal EVH2 domain mediates tetramerization and binds both G and F actin. VASP is associated with filamentous actin formation and likely plays a widespread role in cell adhesion and motility. VASP may also be involved in the intracellular signaling pathways that regulate integrin-extracellular matrix interactions. VASP is regulated by the cyclic nucleotide-dependent kinases PKA and PKG.



Western blot analysis of Phospho-VASP (Ser239) extracts from Mouse testis .