



Rabbit Anti-phospho-N WASP (Tyr256) antibody

SL18982R

Product Name:	phospho-N WASP (Tyr256)
Chinese Name:	磷酸化神经Wiskott Aldrich综合征蛋白抗体
Alias:	DKFZp779G0847; MGC48327; N-WASP; Neural Wiskott Aldrich syndrome protein; Neural Wiskott-Aldrich syndrome protein; NWASP; WASL; WASL_HUMAN; Wiskott Aldrich syndrome gene like; Wiskott Aldrich syndrome gene like protein; Wiskott Aldrich syndrome like; WiskottAldrich syndrome like.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Sheep,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	65kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthesised phosphopeptide derived from human N WASP around the phosphorylation site of Tyr256:VI(p-Y)DF
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	This gene encodes a member of the Wiskott-Aldrich syndrome (WAS) protein family. Wiskott-Aldrich syndrome proteins share similar domain structure, and associate with a

variety of signaling molecules to alter the actin cytoskeleton. The encoded protein is highly expressed in neural tissues, and interacts with several proteins involved in cytoskeletal organization, including cell division control protein 42 (CDC42) and the actin-related protein-2/3 (ARP2/3) complex. The encoded protein may be involved in the formation of long actin microspikes, and in neurite extension. [provided by RefSeq, Jul 2013]

Function:

Regulates actin polymerization by stimulating the actin-nucleating activity of the Arp2/3 complex. Binds to HSF1/HSTF1 and forms a complex on heat shock promoter elements (HSE) that negatively regulates HSP90 expression.

Subcellular Location:

Cytoplasm > cytoskeleton. Nucleus. Preferentially localized in the cytoplasm when phosphorylated and in the nucleus when unphosphorylated.

Similarity:

Contains 1 CRIB domain.
Contains 1 WH1 domain.
Contains 2 WH2 domains.

SWISS:

O00401

Gene ID:

8976

Database links:

[Entrez Gene: 8976](#) Human

[Omim: 605056](#) Human

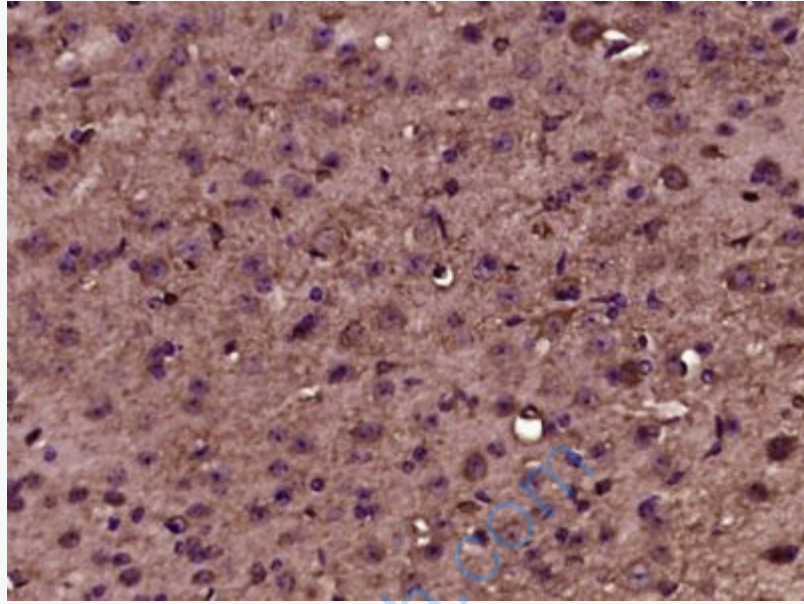
[SwissProt: O00401](#) Human

[Unigene: 143728](#) Human

[Unigene: 83916](#) Human

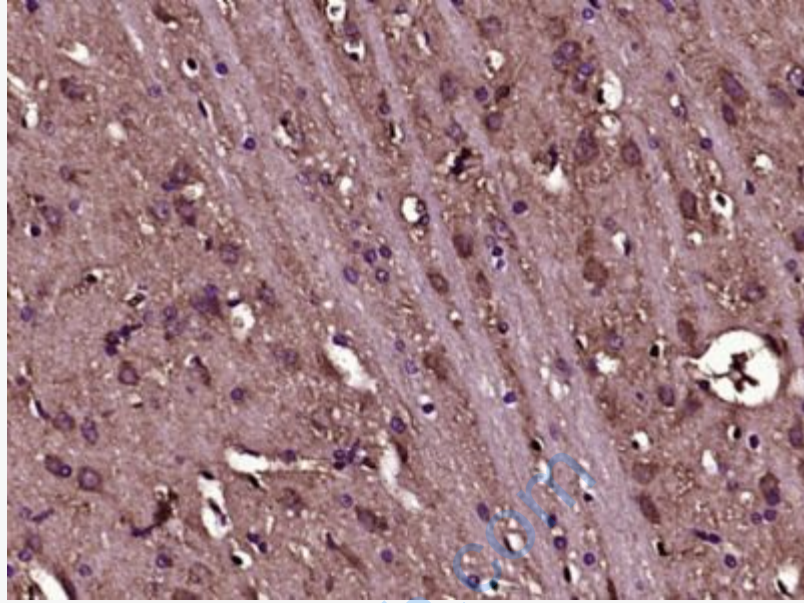
Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.



Picture:

Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (phospho-N WASP (Tyr256)) Polyclonal Antibody, Unconjugated (SL18982R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (phospho-N WASP (Tyr256)) Polyclonal Antibody, Unconjugated (SL18982R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.