

Product datasheet for **TA351922S**

WASF2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: Mouse lung tissue IHC: 25-100 Positive control: Human brain Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human WASF2
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	54 kDa
Gene Name:	WAS protein family member 2
Database Link:	NP_008921 Entrez Gene 242687 Mouse Entrez Gene 10163 Human Q9Y6W5



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Background:

This gene encodes a member of the Wiskott-Aldrich syndrome protein family. The gene product is a protein that forms a multiprotein complex that links receptor kinases and actin. Binding to actin occurs through a C-terminal verprolin homology domain in all family members. The multiprotein complex serves to transduce signals that involve changes in cell shape, motility or function. The published map location (PMID:10381382) has been changed based on recent genomic sequence comparisons, which indicate that the expressed gene is located on chromosome 1, and a pseudogene may be located on chromosome X.

Synonyms:

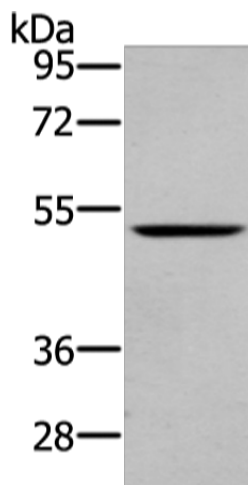
dj393P12.2; IMD2; SCAR2; WASF4; WAVE2

Protein Families:

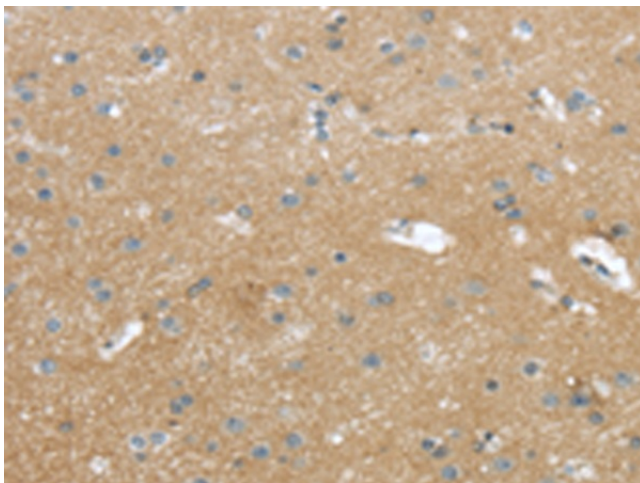
Druggable Genome

Protein Pathways:

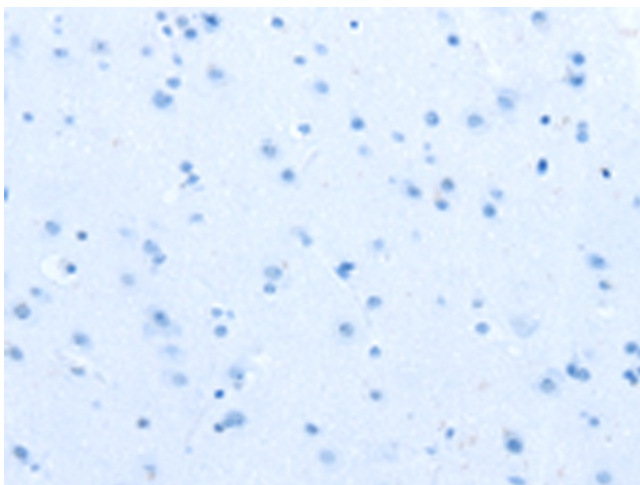
Adherens junction, Fc gamma R-mediated phagocytosis, Regulation of actin cytoskeleton

Product images:

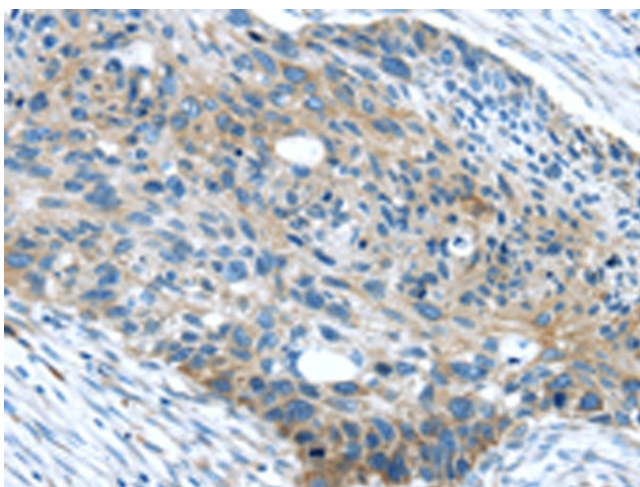
Gel: 8%SDS-PAGE
Lysate: 40 µg
Lane: Mouse lung tissue
Primary antibody: [TA351922] (WASF2 Antibody) at dilution 1/200
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 1 minute



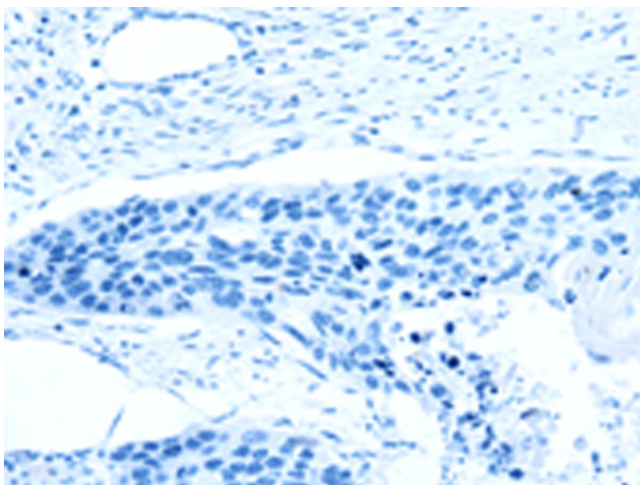
Immunohistochemistry of paraffin-embedded Human brain tissue using [TA351922] (WASF2 Antibody) at dilution 1/25 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human brain tissue using [TA351922] (WASF2 Antibody) at dilution 1/25, treated with synthetic peptide. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using [TA351922] (WASF2 Antibody) at dilution 1/25 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using [TA351922] (WASF2 Antibody) at dilution 1/25, treated with synthetic peptide. (Original magnification: ×200)