

Rabbit anti-Human KIAA1598 Polyclonal Antibody | anti-KIAA1598 antibody

Rabbit anti-KIAA1598 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212838	Rabbit	Human	Immunoprecipitation, Western Blot

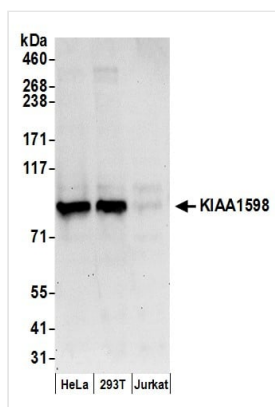
PRODUCT SYNONYMS

KIAA1598; Polyclonal Antibody; Rabbit anti-KIAA1598 Antibody; Affinity Purified; shootin1; shootin-1; Shootin-1; shootin 1; anti-KIAA1598 antibody

PRODUCT SPECIFICATIONS

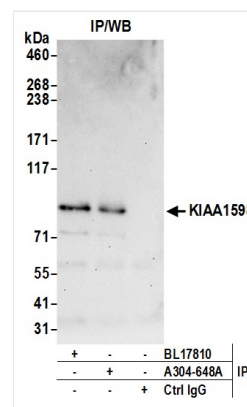
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-KIAA1598 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 581 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human KIAA1598 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-KIAA1598 antibody AAA212838 (lot AAA212838-1) used for WB at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human KIAA1598 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-KIAA1598 antibody AAA212838 (lot AAA212838-1) used for IP at 6 ug per reaction. KIAA1598 was also immunoprecipitated by rabbit anti-KIAA1598 antibody BL17810. For blotting immunoprecipitated KIAA1598, AAA212838 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-KIAA1598 antibody	Shootin-1 is involved in the generation of internal asymmetric signals required for neuronal polarization. It acts upstream of PI3K (phosphoinositide 3-kinase) by being required for spatially localized PI3K activity. Shootin-1 accumulates asymmetrically in a single neurite before polarization, leading to axon induction for polarization [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/A0MZ66].
Product Categories/Family for anti-KIAA1598 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	187761324
NCBI GeneID	57698
NCBI Accession #	NP_001120683.1
NCBI GenBank Nucleotide #	NM_001127211.1
UniProt Accession #	A0MZ66 ; Q68DG1 ; Q6PIM5 ; Q9HCH4 ; Q9NUV0 ; A8MYU7 ; B3KRD3 ; B3KRH2 ; B3KTE0 ; B3KTJ7 ; B3KTJ8 ; B4E3U1
Molecular Weight	71,640 Da
NCBI Official Full Name	shootin-1 isoform a
NCBI Official Synonym Full Names	KIAA1598
NCBI Official Symbol	KIAA1598
NCBI Official Synonym Symbols	MGC40476; SHOOTIN1; shootin-1; DKFZp686A0439
NCBI Protein Information	shootin-1; shootin1; OTTHUMP00000020573
UniProt Protein Name	Shootin-1
UniProt Gene Name	KIAA1598
UniProt Entry Name	SHOT1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.