

Rabbit IQSEC3 Polyclonal Antibody | anti-IQSEC3 antibody

IQSEC3 Antibody (N-term)

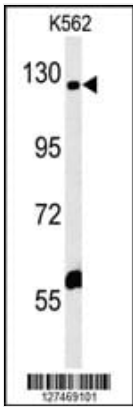
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287175	Rabbit	Human (Predicted Reactivity: Mouse, Rat)	ELISA, Western Blot

PRODUCT SYNONYMS

IQSEC3; Polyclonal Antibody; IQSEC3 Antibody (N-term); IQ motif and SEC7 domain-containing protein 3; KIAA1110; anti-IQSEC3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This IQSEC3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 24-52 amino acids from the N-terminal region of human IQSEC3.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Positions	24-52
Sequence Length	759
Applicable Applications for anti-IQSEC3 antibody	ELISA, WB (Western Blot)
Function	Acts as a guanine nucleotide exchange factor (GEF) for ARF1.
Cellular Location	Cytoplasm. Cell junction, synapse, postsynaptic density {ECO:0000250 UniProtKB:Q3TES0}
Tissue Location	Expressed specifically in the adult brain, predominantly in the cerebral cortex and the olfactory bulb, but not in the fetal brain. Expressed only in mature neurons, but not in undifferentiated neural stem precursor cells (NSPCs), nor in glioma cells.
Preparation and Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.



WB (Western Blot)
IQSEC3 Antibody (N-term) western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the IQSEC3 antibody detected the IQSEC3 protein (arrow).

ADDITIONAL INFORMATION

Product Categories/Family for anti-IQSEC3 antibody	Signal Transduction
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NCBI AND UNIPROT INFORMATION

NCBI GI #	282721018
NCBI GeneID	440073
NCBI Accession #	NP_001164209.1; NP_056047.1
NCBI GenBank Nucleotide #	NM_001170738.1
UniProt Accession #	Q9UPP2; Q8TB43; A6NIF2; A6NKV9
NCBI Official Full Name	IQ motif and SEC7 domain-containing protein 3 isoform 1
NCBI Official Synonym Full Names	IQ motif and Sec7 domain 3
NCBI Official Symbol	IQSEC3
NCBI Protein Information	IQ motif and SEC7 domain-containing protein 3
UniProt Protein Name	IQ motif and SEC7 domain-containing protein 3
UniProt Gene Name	IQSEC3
UniProt Synonym Gene Names	KIAA1110
UniProt Entry Name	IQEC3_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.