

Rabbit anti-Human C7orf36 Polyclonal Antibody | anti-YAE1D1 antibody

C7orf36 Antibody (Center)

CATALOG # AAA287601	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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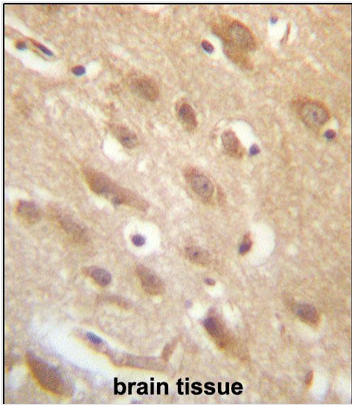
PRODUCT SYNONYMS

C7orf36; Polyclonal Antibody; C7orf36 Antibody (Center); Yae1 domain-containing protein 1; YAE1D1; anti-YAE1D1 antibody

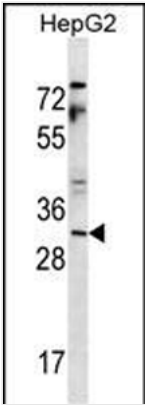
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This C7orf36 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 131-160 amino acids from the Central region of human C7orf36.
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.
Concentration	Vial Concentration: 0.38 (varies by lot)
Sequence Positions	131-160
Sequence Length	206
Applicable Applications for anti-YAE1D1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Function	The complex LTO1:YAE1 functions as a target specific adapter that probably recruits apo-ABCE1 to the cytosolic iron-sulfur protein assembly (CIA) complex machinery (PubMed :). May be required for biogenesis of the large ribosomal subunit and initiation of translation (PubMed:)
Antigen Source	HUMAN
Cellular Location	Cytoplasm {ECO:0000250 UniProtKB:P47118}. Nucleus {ECO:0000250 UniProtKB:P47118}
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.

IMAGES



IHC (Immunohistochemistry)
C7orf36 Antibody (Center) (AAA287601) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of C7orf36 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
C7orf36 Antibody (Center) (AAA287601) western blot analysis in HepG2 cell line lysates (35ug/lane). This demonstrates the C7orf36 antibody detected the C7orf36 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-YAE1D1 antibody	The specific function of this protein remains unknown.
Product Categories/Family for anti-YAE1D1 antibody	Cell Biology
References	Stelzl, U., et al. Cell 122(6):957-968(2005)

NCBI AND UNIPROT INFORMATION

NCBI GI #	21281667
NCBI GeneID	57002
NCBI Accession #	NP_064577.1
NCBI GenBank Nucleotide #	NM_020192.4
UniProt Accession #	Q9NRH1; Q6IAF7; Q8WVZ5; A4D1W4; B4DE83
Molecular Weight	25299
NCBI Official Full Name	yae1 domain-containing protein 1 isoform 1
NCBI Official Synonym Full Names	Yae1 domain containing 1
NCBI Official Symbol	YAE1D1
NCBI Official Synonym Symbols	GK003; C7orf36
NCBI Protein Information	yae1 domain-containing protein 1
UniProt Protein Name	Yae1 domain-containing protein 1
UniProt Gene Name	YAE1D1
UniProt Synonym Gene Names	C7orf36
UniProt Entry Name	YAE1_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.

