

Rabbit anti-Human EIF2A Polyclonal Antibody | anti-EIF2A antibody

EIF2A Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285903	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

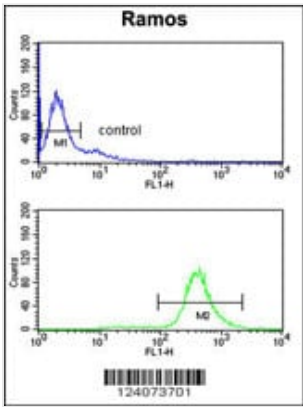
PRODUCT SYNONYMS

EIF2A; Polyclonal Antibody; EIF2A Antibody (Center); Eukaryotic translation initiation factor 2A; eIF-2A; 65 kDa eukaryotic translation initiation factor 2A; N-terminally processed; anti-EIF2A antibody

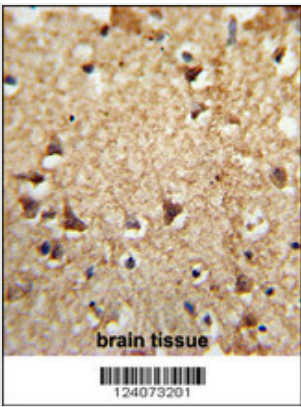
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This EIF2A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 437-465 amino acids from the Central region of human EIF2A.
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: 0.4 (varies by lot)
Sequence Positions	437-465
Sequence Length	585
Applicable Applications for anti-EIF2A antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

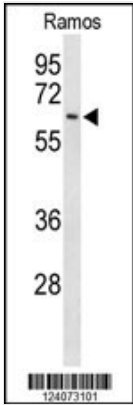
IMAGES



FCM/FACS (Flow Cytometry)
EIF2A Antibody (Center) flow cytometry analysis of Ramos cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human brain tissue reacted with EIF2A Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of EIF2A Antibody (Center) in Ramos cell line lysates (35ug/lane). EIF2A (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-EIF2A antibody	EIF2A is a 65-kD protein that catalyzes the formation of puromycin-sensitive 80S preinitiation complexes (Zoll et al., 2002 [PubMed 12133843]).
References	Willis, K.L., et al. Virology 394(1):73-81(2009) Spurgeon, M.E., et al. J. Virol. 83(19):9970-9982(2009) Lu, W., et al. J. Biol. Chem. 284(36):24281-24288(2009) Yang, J., et al. Mol. Cell. Biol. 29(8):2243-2253(2009) Schewe, D.M., et al. Cancer Res. 69(4):1545-1552(2009) Olsen, J.V., et al. Cell 127(3):635-648(2006)

NCBI AND UNIPROT INFORMATION

NCBI GI #	54873624
NCBI GeneID	83939
NCBI Accession #	NP_114414.2
NCBI GenBank Nucleotide #	NM_032025.3
UniProt Accession #	Q9BY44; Q5QTR2; Q7Z4E9; Q8NFM1; Q96EW9; Q96K81; A8MPS6; B4DF96; B4DQ14; D3DN19
Molecular Weight	64990

NCBI Official Full Name	eukaryotic translation initiation factor 2A
NCBI Official Synonym Full Names	eukaryotic translation initiation factor 2A, 65kDa
NCBI Official Symbol	EIF2A
NCBI Official Synonym Symbols	CDA02; EIF-2A; MST089; MSTP004; MSTP089
NCBI Protein Information	eukaryotic translation initiation factor 2A
UniProt Protein Name	Eukaryotic translation initiation factor 2A
UniProt Gene Name	EIF2A
UniProt Synonym Gene Names	eIF-2A
UniProt Entry Name	EIF2A_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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/eif2a-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/285903>