

Rabbit EIF1AY Polyclonal Antibody | anti-EIF1AY antibody

EIF1AY Antibody (N-term)

CATALOG # AAA289364	HOST Rabbit	REACTIVITY Human (Predicted Reactivity: Mouse, Rabbit, Rat)	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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PRODUCT SYNONYMS

EIF1AY; Polyclonal Antibody; EIF1AY Antibody (N-term); Eukaryotic translation initiation factor 1A; Y-chromosomal; eIF-1A Y isoform; Eukaryotic translation initiation factor 4C; eIF-4C; anti-EIF1AY antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse, Rabbit, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This EIF1AY antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human EIF1AY.
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: 0.5 (varies by lot)
Sequence Positions	1-30
Sequence Length	144
Applicable Applications for anti-EIF1AY antibody	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



IHC (Immunohistochemistry)

EIF1AY Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human prostate carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of EIF1AY Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

EIF1AY Antibody (N-term) western blot analysis in U251 cell line lysates (35ug/lane). This demonstrates the EIF1AY antibody detected the EIF1AY protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-EIF1AY antibody	This gene encodes a protein similar to eukaryotic translation initiation factor 1A (EIF1A). EIF1A is required for the binding of the 43S complex (a 40S subunit, eIF2/GTP/Met-tRNAi and eIF3) to the 5' end of capped RNA.
References	Serajee, F.J., et al. J. Child Neurol. 24(10):1258-1261(2009) Lim, J., et al. Cell 125(4):801-814(2006) Fortna, A., et al. PLoS Biol. 2 (7), E207 (2004) : Agate, R.J., et al. Mol. Biol. Evol. 21(2):384-396(2004) Skaletsky, H., et al. Nature 423(6942):825-837(2003)

NCBI AND UNIPROT INFORMATION

NCBI GI #	519666785
NCBI GeneID	9086
NCBI Accession #	NP_001265541.1; NP_004672.2
NCBI GenBank Nucleotide #	NM_001278612.1
UniProt Accession #	O14602; Q9BS77
Molecular Weight	16442
NCBI Official Full Name	eukaryotic translation initiation factor 1A, Y-chromosomal isoform 2
NCBI Official Synonym Full Names	eukaryotic translation initiation factor 1A, Y-linked
NCBI Official Symbol	EIF1AY
NCBI Official Synonym Symbols	eIF-4C
NCBI Protein Information	eukaryotic translation initiation factor 1A, Y-chromosomal
UniProt Protein Name	Eukaryotic translation initiation factor 1A, Y-chromosomal
UniProt Gene Name	EIF1AY
UniProt Synonym Gene Names	eIF-1A Y isoform; eIF-4C
UniProt Entry Name	IF1AY_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://stage.aaabiotech.com/polyclonal/eif1ay-antibody-immunohistochemistry-western-blot-elisa/289364>