

Datasheet for ABIN7454423
anti-EIF2A antibody (AA 450-500)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	EIF2A
Binding Specificity:	AA 450-500
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EIF2A antibody is un-conjugated
Application:	Immunoprecipitation (IP), Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections) (IHC (fp))

Product Details

Purpose:	Rabbit anti-eIF2A Antibody, Affinity Purified
Immunogen:	between AA 450 and 500
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	EIF2A
Alternative Name:	eIF2A (EIF2A Products)
Background:	Background: Eukaryotic initiation factor 2A (eIF2A) directs binding of the initiator methionyl-

Target Details

tRNA [Met-tRNA(i)] to 40 S ribosomal subunits in a codon dependent manner. It is a 65 kDa protein that was originally believed to be the functional homolog of prokaryotic IF2. eIF2A displays functional qualities similar to eIF2 which exists as complex of 3 subunits (eIF2-alpha, beta, and gamma), however comparison of eIF2A and eIF2 has shown that these two initiation factors also display distinct functional abilities.

Gene ID: 83939

NCBI Accession: [NP_114414](#)

UniProt: [Q9BY44](#)

Pathways: [Ribonucleoprotein Complex Subunit Organization](#), [ER-Nucleus Signaling](#), [Hepatitis C](#), [Methionine Biosynthetic Process](#), [Ribosome Assembly](#)

Application Details

Application Notes: IHC: 1:200 - 1:1,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.
IP: 2 - 5 µg/mg lysate
WB: Not recommended. Use rabbit anti-eIF2A antibody A301-949A.

Restrictions: For Research Use only

Handling

Concentration: 1000 µg/mL

Buffer: Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Expiry Date: 12 months