

Datasheet for ABIN7448543
anti-EIF2A antibody (AA 525-575)



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Overview

Quantity:	25 µg
Target:	EIF2A
Binding Specificity:	AA 525-575
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EIF2A antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

Product Details

Purpose:	Rabbit anti-eIF2A IHC Antibody, Affinity Purified
Immunogen:	Between AA 525 and 575
Isotype:	IgG
Predicted Reactivity:	Monkey, Gorilla, Chimpanzee, Crab-eating macaque, White-tufted-ear marmoset, Northern white-cheeked gibbon
Purification:	Affinity Purified

Target Details

Target:	EIF2A
Alternative Name:	eIF2A (EIF2A Products)

Target Details

Background:	Background: Eukaryotic initiation factor 2A (eIF2A) directs binding of the initiator methionyl-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:	1:100 - 1:500
Restrictions:	For Research Use only

Handling

Concentration:	250 µg/mL
Buffer:	Tris-buffered Saline containing 0.1 % BSA and 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