



Anti-EIF4A3 Antibody

Alternative Names: RCPS, DDX48, MUK34, NUK34, NMP265, eIF4AIII, Fal1, RCPS, Eukaryotic Translation Initiation Factor 4A3, Eukaryotic Initiation Factor 4A-Like NUK-34, DEAD (Asp-Glu-Ala-Asp) Box Polypeptide 48, Eukaryotic Initiation Factor 4A-III, ATP-Dependent RNA Helicase

Catalogue Number: AB19-10116-50ug

Size: 50 µg

Background Information

Eukaryotic Translation Initiation Factor 4A-III (EIF4A3) belongs to the Asp-Glu-Ala-Asp (DEAD) box superfamily of proteins that have ATP-dependent RNA helicase activity and are involved in a number of areas of RNA biology, from transcription and translation to mRNA decay. EIF4A3 is named as such because it has homology at the amino-acid level to the translation initiation factors, EIF4A1 and EIF4A2, however it is actually a core component of the exon junction complex (EJC), which is associated with splicing and does not play an essential role in translation initiation (in contrast to EIF4A1 and EIF4A2). EIF4A3 may have a role in parkinsons disease in relation to the deregulation of mRNA translation.

Product Information

Antibody Type:	Polyclonal	Host:	Rabbit
Isotype:	IgG	Species Reactivity:	Human, Mouse, Rat
Immunogen:	Full length recombinant human EIF4A3		
Format:	50 µg in 50 µl PBS with 0.03% Proclin300, 50% glycerol, pH7.3.		
Storage Conditions:	Store at -20°C. Avoid freeze / thaw cycles.		
Applications:	WB IHC WB 1:500-2000. IHC 1:50-300.		

Additional Information

Subcellular location:	Nucleus, Cytoplasm	MW:	47 kDa (Intended as a general guide and does not allow for all isoforms and species variations)
Gene ID	9775	Uniprot ID:	P38919