



# Rabbit anti-Mouse EIF4A3 polyclonal antibody (DPAB-DC815)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	EIF4A3 (eukaryotic translation initiation factor 4A3) is a protein-coding gene. Diseases associated with EIF4A3 include vaginal cancer, and vaginitis, and among its related superpathways are Interferon Signaling and Metabolism of RNA. GO annotations related to this gene include ATP-dependent RNA helicase activity and poly(A) RNA binding. An important paralog of this gene is EIF4A1.
<b>Specificity</b>	Specific to recombinant protein GX0612. This antibody detects mEIF4A3 protein. It also recognizes human EIF4A3 protein.
<b>Immunogen</b>	Recombinant GST fusion protein corresponding to 171 amino acids of mouse Eif4a3.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Mouse
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB,
<b>Format</b>	Liquid
<b>Size</b>	50 µg
<b>Buffer</b>	In PBS (50% glycerol, 0.02% sodium azide)
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

# GENE INFORMATION

Gene Name	<a href="#">Eif4a3 eukaryotic translation initiation factor 4A3 [ Mus musculus (house mouse) ]</a>
Official Symbol	EIF4A3
Synonyms	EIF4A3; eukaryotic translation initiation factor 4A3; Ddx48; eIF4A-III; mKIAA0111; 2400003O03Rik; eukaryotic initiation factor 4A-III; eIF-4A-III; DEAD box protein 48; ATP-dependent RNA helicase DDX48; ATP-dependent RNA helicase eIF4A-3; DEAD (Asp-Glu-Ala-Asp) box polypeptide 48; eukaryotic translation initiation factor 4A, isoform 3;
Entrez Gene ID	<a href="#">192170</a>
Protein Refseq	<a href="#">NP_619610</a>
UniProt ID	<a href="#">Q91VC3</a>
Chromosome Location	11 E2; 11
Pathway	Exon junction complex (EJC); RNA transport; Spliceosome; TNF-alpha NF-kB Signaling Pathway
Function	ATP binding; ATP-dependent RNA helicase activity; mRNA binding; poly(A) RNA binding