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anti-EIF3D antibody



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Quantity:	100 μg
Target:	EIF3D
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This EIF3D antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	eukaryotic translation initiation factor 3, subunit D
Clone:	2D11
Isotype:	lgG1
Purification:	Protein A+G purification
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	EIF3D
Alternative Name:	EIF3D (EIF3D Products)
Background:	Synonyms:EIF3S7 Background:Component of the eukaryotic translation initiation factor 3(eIF-
	3) complex, which is required for several steps in the initiation of protein synthesis. The eIF-3

complex associates with the 40S ribosome and facilitates the recruitment of eIF-1, eIF-1A, eIF-2:GTP:methionyl-tRNAi and eIF-5 to form the 43S pre-initiation complex(43S PIC). The eIF-3 complex stimulates mRNA recruitment to the 43S PIC and scanning of the mRNA for AUG recognition. The eIF-3 complex is also required for disassembly and recycling of post-termination ribosomal complexes and subsequently prevents premature joining of the 40S and 60S ribosomal subunits prior to initiation. In case of FCV infection, plays a role in the ribosomal termination-reinitiation event leading to the translation of VP2(PubMed:18056426).

Molecular Weight: 66 kDa

Gene ID: 8664

UniProt: 015371

Pathways: Ribonucleoprotein Complex Subunit Organization

Application Details

Application Notes: WB: 1:500-1:2000, IHC: 1:20-1:200

Restrictions: For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,
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:	-20 °C
Storage Comment:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
Expiry Date:	12 months