

Datasheet for ABIN2783321

anti-Eukaryotic Translation Initiation Factor 3, Subunit M (EIF3M) (N-Term) antibody[Go to Product page](#)**2** Images**1** Publication

Overview

Quantity:	100 µL
Target:	Eukaryotic Translation Initiation Factor 3, Subunit M (EIF3M)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human EIF3M
Sequence:	MSVPAFIDIS EEDQAAELRA YLKSKGAEIS EENSEGGLHV DLAQIIEACD
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 79%
Characteristics:	This is a rabbit polyclonal antibody against EIF3M. It was validated on Western Blot and immunohistochemistry.
Purification:	Protein A purified

Target Details

Target:	Eukaryotic Translation Initiation Factor 3, Subunit M (EIF3M)
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Target Details

Alternative Name:	EIF3M (EIF3M Products)
Target Type:	Viral Protein
Background:	<p>EIF3M is a broadly expressed protein containing putative membrane fusion domains that acts as a receptor or coreceptor for entry of herpes simplex virus (HSV).HFLB5 encodes a broadly expressed protein containing putative membrane fusion domains that acts as a receptor or coreceptor for entry of herpes simplex virus (HSV) (Perez et al., 2005 [PubMed 15919898]).[supplied by OMIM].</p> <p>Alias Symbols: B5, FLJ29030, GA17, PCID1, hfl-B5</p> <p>Protein Interaction Partner: HUWE1, FAM96B, UBC, SUMO2, rev, SRPK1, EXOSC10, NPM1, MMS19, gag-pol, EIF3D, EIF3F, EIF3L, EIF3K, EIF3I, EIF3H, EIF3G, EIF3C, EIF3B, EIF3A, EIF3E, APP, TADA2A, EIF1B, EIF4A2,</p> <p>Protein Size: 374</p>
Molecular Weight:	42 kDa
Gene ID:	10480
NCBI Accession:	NM_006360 , NP_006351
UniProt:	Q7L2H7
Pathways:	Ribonucleoprotein Complex Subunit Organization

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 374 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

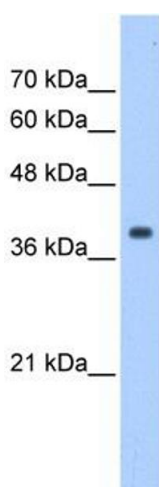
Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

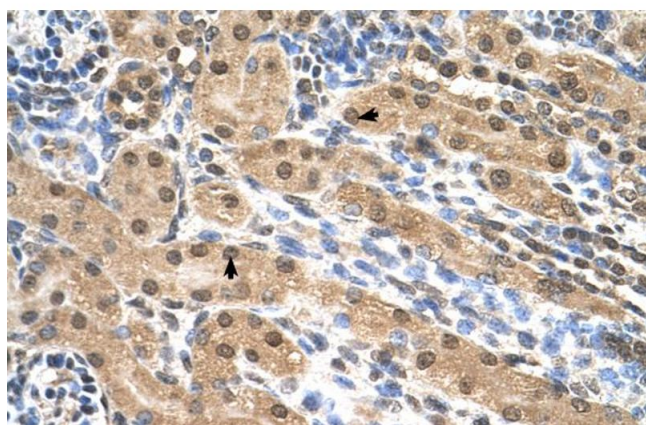
Product cited in: Ewing, Chu, Elisma, Li, Taylor, Climie, McBroom-Cerajewski, Robinson, OConnor, Li, Taylor, Dharsee, Ho, Heilbut, Moore, Zhang, Ornatsky, Bukhman, Ethier, Sheng, Vasilescu, Abu-Farha, Lambert, Duewel et al.: "Large-scale mapping of human protein-protein interactions by mass spectrometry. ..." in: **Molecular systems biology**, Vol. 3, pp. 89, (2007) ([PubMed](#)).

Images



Western Blotting

Image 1. WB Suggested Anti-EIF3M Antibody Titration: 1.0ug/ml Positive Control: HepG2 cell lysate There is BioGPS gene expression data showing that EIF3M is expressed in HepG2



Immunohistochemistry

Image 2. Human kidney