

Datasheet for ABIN2778771  
**anti-EIF4B antibody (C-Term)**[Go to Product page](#)

4 Images

1 Publication

## Overview

Quantity:	100 µL
Target:	EIF4B
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Horse, Cow, Rabbit, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EIF4B antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human EIF4B
Sequence:	NPPARSQSSD TEQQSPTSGG GKVAPAPSE EGPGRKDENE VDGMMNAPKGQ
Predicted Reactivity:	Cow: 79%, Guinea Pig: 92%, Horse: 86%, Human: 100%, Mouse: 79%, Rabbit: 86%, Rat: 86%
Characteristics:	This is a rabbit polyclonal antibody against EIF4B. It was validated on Western Blot and immunohistochemistry.
Purification:	Protein A purified

## Target Details

Target:	EIF4B
Alternative Name:	EIF4B ( <a href="#">EIF4B Products</a> )

## Target Details

Background:	<p>IF4B contains 1 RRM (RNA recognition motif) domain and is required for the binding of mRNA to ribosomes. Functions of EIF4B are in close association with EEF4-F and EIF4-A. It binds near the 5'-terminal cap of mRNA in presence of EIF-4F and ATP and promotes the ATPase activity and the ATP-dependent RNA unwinding activity of both EIF4-A and EIF4-F.</p> <p>Alias Symbols: EIF-4B, PRO1843</p> <p>Protein Interaction Partner: UBC, ASB2, ZBTB1, SAMHD1, XPO7, SEC23A, PRMT3, CUL4B, USP11, SF1, XRCC5, OSBP, NARS, Stk11, CTNNA1, PARK2, FBXO6, PAN2, CSNK2A1, EIF4A3, YWHAE, MAGOH, SMURF1, NUP107, PHAX, SLC4A1AP, CCT6B, NUP153, POLR1C, RPL29, MYH9, EIF4G2, EIF4G1, EIF4A1, CSTF2, CUL3,</p> <p>Protein Size: 611</p>
Molecular Weight:	67 kDa
Gene ID:	1975
NCBI Accession:	<a href="#">NM_001417</a> , <a href="#">NP_001408</a>
UniProt:	<a href="#">P23588</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 611 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 should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C

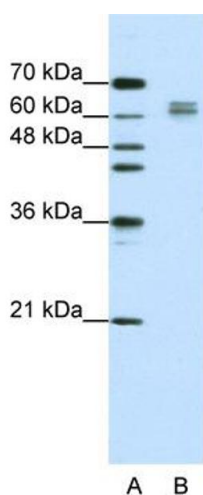
## Handling

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

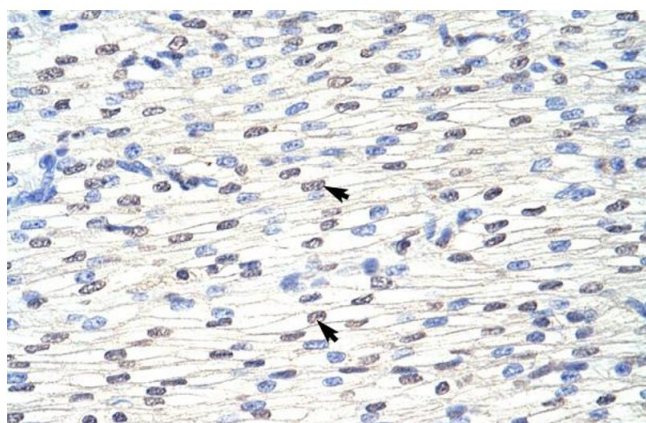
Product cited in: Bertin, Dury, Ouellet, Pelletier, Labrie: "Localization of the androgen-synthesizing enzymes, androgen receptor, and sex steroids in the vagina: possible implications for the treatment of postmenopausal sexual dysfunction." in: **The journal of sexual medicine**, Vol. 11, Issue 8, pp. 1949-61, (2014) ([PubMed](#)).

## Images



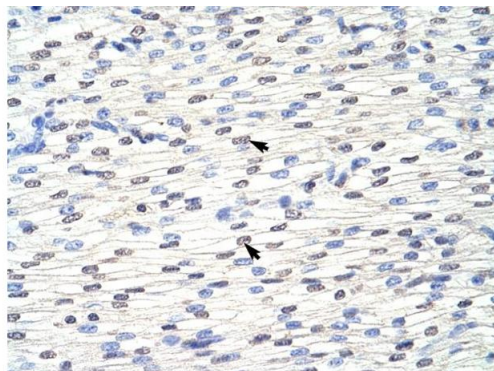
### Western Blotting

**Image 1.** WB Suggested Anti-EIF4B Antibody Titration: 1.25ug/ml ELISA Titer: 1:62500 Positive Control: Jurkat cell lysate EIF4B is strongly supported by BioGPS gene expression data to be expressed in Human Jurkat cells



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 2.** Rabbit Anti-EIF4B Antibody ,Paraffin Embedded  
Tissue: Human Heart  
Cellular Data: Myocardial cells  
Antibody Concentration: 4.0-8.0 µg/mL  
Magnification: .00X



Rabbit Anti-EIF4B Antibody  
Catalog Number: ARP40359  
Lot Number: QC9462  
Paraffin Embedded Tissue: Human Heart  
Cells with Positive label: Myocardial cells (Indicated with Arrows)  
Antibody Concentration: 4.0-8.0 µg/ml  
Magnification: 400X

### Immunohistochemistry

**Image 3.** Rabbit Anti-EIF4B Antibody Paraffin Embedded  
Tissue: Human Heart Cellular Data: Myocardial cells  
Antibody Concentration: 4.0-8.0 ug/ml Magnification: 400X

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN2778771.