



[Go to Product page](#)

Datasheet for ABIN6140055  
**anti-EIF3C antibody (AA 694-913)**

5 Images

Overview

Quantity:	100 µL
Target:	EIF3C
Binding Specificity:	AA 694-913
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EIF3C antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 694-913 of human EIF3C (NP_003743.1).
Sequence:	EIPYMAAHES DARRRMISKQ FHHQLRVGER QPLLGPPEM REHVVAASKA MKMGDWKTCH SFIINEKMNG KVWDLFPEAD KVRTMLVRKI QEESLRTYLF TYSSVYDSIS METLSDMFEL DLPTVHSIIS KMIINEELMA SLDQPTQTVV MHRTEPTAQQ NLALQLAEKL GSLVENNERV FDHKQGYGG YFRDQKGYR KNEGYMRRGG YRQQSQYTAY
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

## Target Details

---

Target:	EIF3C
Alternative Name:	EIF3C ( <a href="#">EIF3C Products</a> )
Background:	<p>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-tRNA<sup>i</sup> 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. The eIF-3 complex specifically targets and initiates translation of a subset of mRNAs involved in cell proliferation, including cell cycling, differentiation and apoptosis, and uses different modes of RNA stem-loop binding to exert either translational activation or repression.,EIF3C,EIF3CL,EIF3S8,eIF3-p110,Epigenetics &amp; Nuclear Signaling,RNA Binding,Translation Control,EIF3C</p>
Molecular Weight:	104 kDa/105 kDa
Gene ID:	8663
UniProt:	<a href="#">Q99613</a>
Pathways:	<a href="#">Ribonucleoprotein Complex Subunit Organization</a>

## Application Details

---

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:100
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

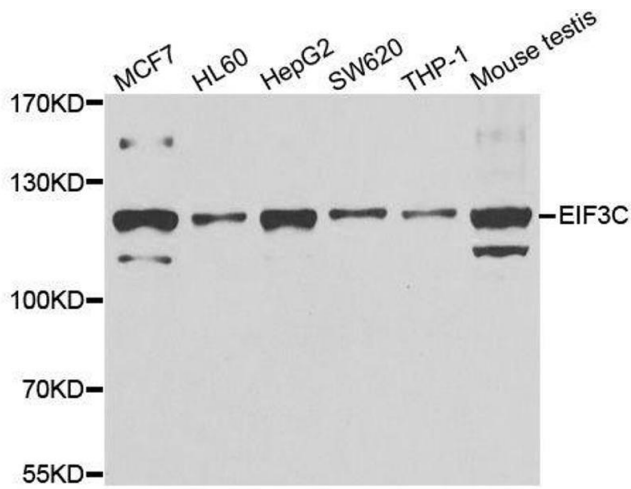
## Handling

---

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,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

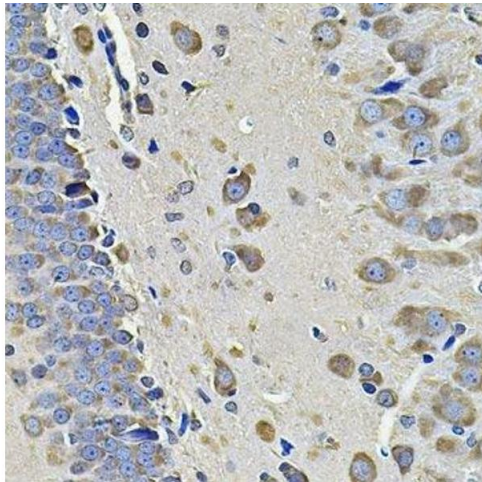
Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

Images



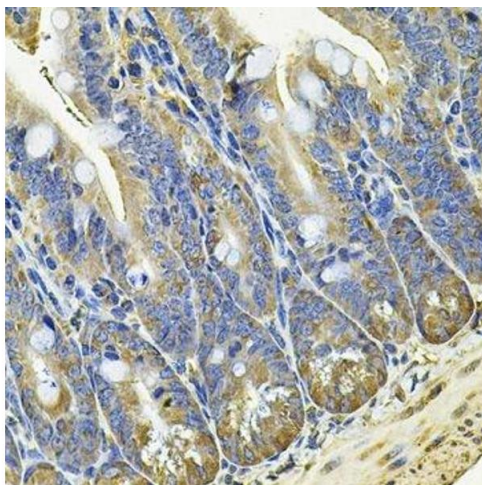
Western Blotting

**Image 1.** Western blot analysis of extracts of various cell lines, using EIF3C antibody.



Immunohistochemistry (Paraffin-embedded Sections)

**Image 2.** Immunohistochemistry of paraffin-embedded rat brain using EIF3C Antibody.



Immunohistochemistry (Paraffin-embedded Sections)

**Image 3.** Immunohistochemistry of paraffin-embedded mouse intestine using EIF3C Antibody.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN6140055.