

[Go to Product page](#)

Datasheet for ABIN6989663 **anti-EIF3B antibody**

Overview

Quantity:	100 µL
Target:	EIF3B
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This EIF3B antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc))

Product Details

Immunogen:	Synthetic Peptide within N terminal human eIF3B.
Clone:	5H10
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	EIF3B
Alternative Name:	eIF3B (EIF3B Products)
Background:	Synonyms: eIF-3-eta antibody, eIF3 eta antibody, eIF3 p110 antibody, eIF3 p116 antibody, EIF3-

Target Details

ETA antibody, EIF3-P110 antibody, EIF3-P116 antibody, eIF3b antibody, EIF3B_HUMAN antibody, EIF3S9 antibody, EIF3S9, formerly antibody, Eukaryotic translation initiation factor 3, subunit B antibody, Eukaryotic translation initiation factor 3 subunit 9 antibody, eukaryotic translation initiation factor 3 subunit 9 eta antibody, Eukaryotic translation initiation factor 3 subunit B antibody, eukaryotic translation initiation factor 3, subunit 9 (eta, 116kD) antibody, eukaryotic translation initiation factor 3, subunit 9 eta, 116 kDa antibody, eukaryotic translation initiation factor 3, subunit 9, formerly antibody, hPrt1 antibody, Protein synthesis defective at 36 degrees celsius 1, S. cerevisiae, homolog of antibody, PRT1 antibody, Prt1 homolog antibody

Background: eIF3b expression relates to human bladder and prostate cancer prognosis, is required for tumor growth, and thus a candidate therapeutic target. The initiation of protein synthesis in eukaryotic cells is regulated by interactions between protein initiation factors and RNA molecules. Association of eIF3 proteins with the 40S ribosomal subunit stabilizes eIF2-GTP-Met-tRNA^{iMet} complex association and mRNA binding, and promotes dissociation of 80S ribosomes into 40S and 60S subunits, thereby promoting the assembly of the pre-initiation complex. Overexpression of eIF3 proteins is common in several cancers, suggesting a role for eIF3 proteins in tumorigenesis.

Gene ID:	8662
UniProt:	P55884
Pathways:	Ribonucleoprotein Complex Subunit Organization

Application Details

Application Notes:	WB 1:300-5000 FCM 1:20-100 IHC-P 1:200-400 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 1xTBS (pH 7.4), 1 % BSA, 40 %Glycerol and 0.05 % Sodium Azide.

Handling

Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months