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Datasheet for ABIN918667
anti-EIF3I antibody (AA 122-320) (Cy7)

Overview

Quantity:	100 µL
Target:	EIF3I
Binding Specificity:	AA 122-320
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EIF3I antibody is conjugated to Cy7
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human TRIP1/SUG1
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	EIF3I
Alternative Name:	TRIP1 (EIF3I Products)

Target Details

Background: Synonyms: 26S protease regulatory subunit 8, Cim3, MSUG1 protein, p45 antibody p45/SUG, Proteasome prosome macropain 26S subunit ATPase 5, Proteasome 26S ATPase subunit 5, Proteasome 26S subunit ATPase 5, Proteasome prosome macropain 26S subunit ATPase 5, Proteasome subunit p45, PSMC 5, PSMC5, Rpt6, S8 antibody SUG 1, SUG1, Tat binding protein homolog 10, TBP 10, TBP10, Thyroid hormone receptor interacting protein 1, Thyroid receptor interactor 1, TRIP 1, TRIP1, TRIP1SUG1.

Background: Human SUG1 (also known as p45, Rpt6, Cim3 and PSMC5) is a component of the 19S regulatory subunit of the 26S proteasome complex. It is one of the AAA ATPases found in the 19S regulatory complex that is thought to participate in the unfolding of ubiquitinated proteins in an ATP dependent manner. It has also been shown to directly interact with the nucleotide excision repair protein XPB.

Gene ID: 5705

Pathways: [Mitotic G1-G1/S Phases](#), [DNA Replication](#), [Ribonucleoprotein Complex Subunit Organization](#), [Synthesis of DNA](#)

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Handling

Expiry Date: 12 months