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Datasheet for ABIN7165647  
**anti-IMPACT antibody (AA 41-320) (FITC)**

## Overview

Quantity:	100 µg
Target:	IMPACT
Binding Specificity:	AA 41-320
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IMPACT antibody is conjugated to FITC
Application:	Please inquire

## Product Details

Immunogen:	Recombinant Human Protein IMPACT protein (41-320AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	IMPACT
Alternative Name:	IMPACT ( <a href="#">IMPACT Products</a> )
Background:	Background: Translational regulator that ensures constant high levels of translation under amino acid starvation. Acts by interacting with GCN1/GCN1L1, thereby preventing activation of

## Target Details

GCN2 protein kinases (EIF2AK1 to 4) and subsequent down-regulation of protein synthesis. May be required to regulate translation in specific neuronal cells under amino acid starvation conditions by preventing GCN2 activation and therefore ATF4 synthesis. Through its action on GCN2, may also facilitate neuritogenesis.

Aliases: IMPACT antibody, Impact homolog (mouse) antibody, Impact homolog antibody, impact RWD domain protein antibody, IMPCT\_HUMAN antibody, Imprinted and ancient gene protein homolog antibody, MGC33718 antibody, Protein IMPACT antibody, RWD domain containing 5 antibody, RWDD5 antibody

UniProt: [Q9P2X3](#)

## Application Details

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

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, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.