

Datasheet for ABIN1538830
anti-IMPACT antibody (N-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	IMPACT
Binding Specificity:	AA 1-30, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IMPACT antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This IMPACT antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human IMPACT.
Clone:	RB36222
Isotype:	Ig Fraction
Predicted Reactivity:	Rb
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	IMPACT
Alternative Name:	IMPACT (IMPACT Products)

Target Details

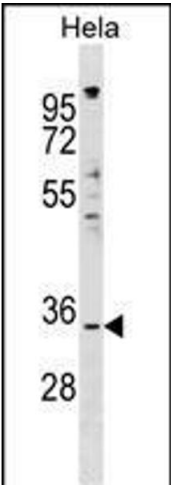
Background:	Translational regulator that ensures constant high levels of translation under amino acid starvation. Acts by interacting with GCN1/GCN1L1, thereby preventing activation of GCN2 protein kinases (EIF2AK1 to 4) and subsequent down-regulation of protein synthesis (By similarity).
Molecular Weight:	36476
Gene ID:	55364
NCBI Accession:	NP_060909
UniProt:	Q9P2X3

Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	4 °C, -20 °C
Storage Comment:	IMPACT Antibody (N-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.
Expiry Date:	6 months



Western Blotting

Image 1. IACT Antibody (N-term) (ABIN1538830 and ABIN2849149) western blot analysis in HeLa cell line lysates (35 µg/lane). This demonstrates the IACT antibody detected the IACT protein (arrow).