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## Datasheet for ABIN6942017 **anti-4E-BP1/2/3 antibody (pThr45)**

### Overview

Quantity:	100 µL
Target:	4E-BP1/2/3
Binding Specificity:	pThr45
Reactivity:	Human, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This 4E-BP1/2/3 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	Synthetic peptide derived from human 4E-BP1/2/3 (Thr 45), around 35-55aa.
Clone:	3G2
Isotype:	IgG2a
Cross-Reactivity:	Human, Rat
Purification:	Purified by Protein A.

### Target Details

Target:	4E-BP1/2/3
Abstract:	<a href="#">4E-BP1/2/3 Products</a>
Background:	Synonyms: ABCA1 phospho S2054, p-ABCA1 phospho S2054, ATP binding cassette transporter

## Target Details

A1, ABC 1, ABC Transporter 1, ABC1, ABCA 1, ABCA1, ATP binding Cassette 1, ATP binding cassette sub family A ABC1 member 1, ATP binding cassette sub family A member 1, ATP binding cassette sub-family A member 1, ATP binding Cassette Transporter 1, ATP-binding Cassette 1, ATP-binding Cassette Transporter 1, CERP, Cholesterol Efflux Regulatory Protein, FLJ14958, HDLDT1, Membrane bound, MGC164864, MGC165011, TD, TGD, ABCA1\_HUMAN.

Background: The membrane-associated protein encoded by this gene is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intracellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White). This protein is a member of the ABC1 subfamily. Members of the ABC1 subfamily comprise the only major ABC subfamily found exclusively in multicellular eukaryotes. In humans, this protein functions as a cholesterol efflux pump in the cellular lipid removal pathway. Mutations in the human gene have been associated with Tangier's disease and familial high-density lipoprotein deficiency.

Gene ID: 19

UniProt: [O95477](#)

## Application Details

Application Notes: WB 1:300-5000

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.

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