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## Datasheet for ABIN6989762 **anti-CHRAC1 antibody**

### Overview

Quantity:	100 µL
Target:	CHRAC1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CHRAC1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

### Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-131 of human CHRAC1 (NP_059140.1).
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

### Target Details

Target:	CHRAC1
Alternative Name:	CHRAC1 ( <a href="#">CHRAC1 Products</a> )
Background:	Synonyms: CHRAC1,CHARC1,CHARC15,CHRAC-1,CHRAC-15,CHRAC15,YCL1 Background: DNA replication is initiated by the binding of initiation factors to the origin of replication. Nucleosomes inhibit access to the replication machinery at these origin sequences.

## Target Details

Nucleosome remodeling factors increase the accessibility of nucleosomal DNA to transcriptional regulators (1). CHRAC15 and CHRAC17 are subunits of the nucleosomal remodeling factor CHRAC (chromatin accessibility complex), which increases the accessibility of nucleosomal DNA in an ATP-dependent manner (2). Unlike other known chromatin remodelling factors, CHRAC also functions during chromatin assembly by using ATP to convert irregular chromatin into a regular array of nucleosomes with even spacing (3). This conversion process occurs when CHRAC organizes randomly deposited histones into a regularly spaced array (4). In the presence of CHRAC, the nucleosomal ATPase ISWI catalyses several ATP-dependent transitions of chromatin structure (5).

Gene ID: 54108

UniProt: [Q9NRG0](#)

## Application Details

Application Notes: WB 1:300-5000  
IHC()

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % 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 for 12 months.

Expiry Date: 12 months