

## CHAC1 Antibody

Catalog No: #36347

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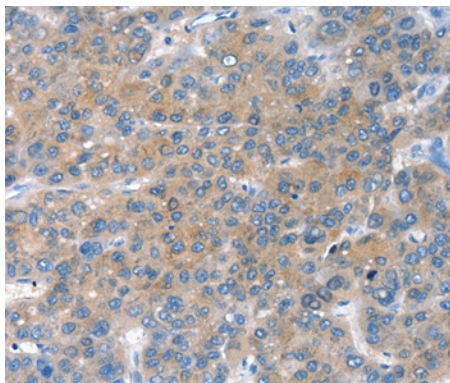
## Description

Product Name	CHAC1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total CHAC1 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Full length fusion protein
Target Name	CHAC1
Other Names	ChaC; MGC4504; ChaC
Accession No.	Swiss-Prot#: Q9BUX1NCBI Gene ID: 79094Gene Accsion: BC001683
Uniprot	Q9BUX1
GeneID	79094;
Concentration	1.7mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C

## Application Details

Immunohistochemistry: 1:25-1:100

## Images



Immunohistochemical analysis of paraffin-embedded Human liver cancer tissue using #36347 at dilution 1/40.

## Background

CHAC1 (ChaC, cation transport regulator homolog 1 (E. coli)) is a 264 amino acid cytoplasmic protein that belongs to the ChaC family. Induced by chemical activators of the unfolded protein response (UPR) pathway, including DTT, tunicamycin and thapsigargin, CHAC1 is a pro-apoptotic member of this pathway and may mediate the pro-apoptotic effects of the ATF4-ATF3-DDIT3/CHOP cascade. Overexpression of CHAC1 may lead to an increase in apoptosis, while suppression of CHAC1 results in subdued apoptosis.?

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Note: This product is for in vitro research use only