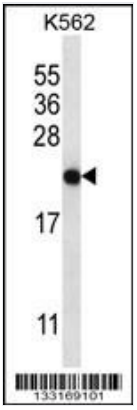
CHAC2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CHAC2, Polyclonal Antibody
Full Product Name	CHAC2, ID (CHAC2, Cation transport regulator-like protein 2) (FITC)
Product Gene Name	anti-CHAC2 antibody
Product Synonym Names	CHAC2; Cation transport regulator-like protein 2
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Fluorescein Isothiocyanate (FITC).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: FITC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	20,875 Da
OMIM	AC007883 Genomic DNA
3D Structure	ModBase 3D Structure for Q8WUX2
Immunogen	CHAC2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 60-89 amino acids from the Central region of human CHAC2.
Conjugate	FITC
Note	Preservative Free
Special Handling	Light sensitive
Product Categories/Family for anti-CHAC2 antibody	Antibodies; Transport Proteins
Applications Tested/Suitable for anti-CHAC2 antibody	Western Blot (WB), FLISA
Application Notes for anti-CHAC2 antibody	WB: 1:100-500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-CHAC2 antibody	CHAC2 belongs to the chaC family. The specific function of CHAC2 remains unknown.
Product References and Citations for anti-CHAC2 antibody	Lamesch, P., et al. Genomics 89(3):307-315(2007).
Other Notes	Small volumes of anti-CHAC2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

Searchable Terms for CHAC2 purchase	MBS6285494 is an antibody targeting CHAC2. Also known as CHAC2, ID (CHAC2, Cation transport regulator-like protein 2) (FITC). Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-CHAC2 antibody
CHAC2 Antibody (Center) western blot analysis in K562 cell line lysates (35ug/lane).This demonstrates the CHAC2 antibody detected the CHAC2 protein (arrow).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CHAC2. It may not necessarily be applicable to this product.

NCBI GI #	56790287
NCBI GeneID	494143
NCBI Accession #	NP_001008708.1
UniProt Primary Accession #	Q8WUX2
UniProt Secondary Accession #	Q8WVI8
UniProt Related Accession #	Q8WUX2
GenBank Nucleotide #	NM_001008708.2
NCBI Official Full Name	cation transport regulator-like protein 2
NCBI Official Synonym Full Names	ChaC, cation transport regulator homolog 2 (E. coli)
NCBI Official Symbol	CHAC2
UniProt Protein Name	Glutathione-specific gamma-glutamylcyclotransferase 2
UniProt Synonym Protein Names	Cation transport regulator-like protein 2
Protein Family	Putative glutathione-specific gamma-glutamylcyclotransferase
UniProt Gene Name	CHAC2
UniProt Synonym Gene Names	Gamma-GCG 2Curated
NCBI Protein Information	cation transport regulator-like protein 2; ChaC, cation transport regulator-like 2; gamma-GCT acting on glutathione homolog 2
UniProt Comments for CHAC2	Catalyzes the cleavage of glutathione into 5-oxo-L-proline and a Cys-Gly dipeptide. Acts specifically on glutathione, but not on other gamma-glutamyl peptides.
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