

Anti-Calumenin Rabbit Monoclonal Antibody

Catalog # ABO16219

Product Information

Application	WB, IHC
Primary Accession	O43852
Host	Rabbit
Isotype	IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-Calumenin Rabbit Monoclonal Antibody . Tested in WB, IHC applications. This antibody reacts with Human, Mouse, Rat.

Additional Information

Gene ID	813
Other Names	Calumenin, Crocalbin, IEF SSP 9302, CALU
Calculated MW	37107
Application Details	WB 1:500-1:2000 IHC 1:50-1:200
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 27C98
Immunogen	A synthesized peptide derived from human Calumenin
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

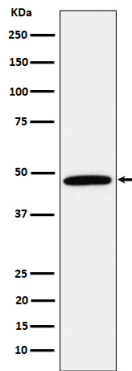
Name	CALU
Function	Involved in regulation of vitamin K-dependent carboxylation of multiple N-terminal glutamate residues. Seems to inhibit gamma- carboxylase GGCX. Binds 7 calcium ions with a low affinity (By similarity).
Cellular Location	Endoplasmic reticulum membrane. Golgi apparatus. Secreted. Melanosome.

Sarcoplasmic reticulum lumen. Note=Identified by mass spectrometry in melanosome fractions from stage I to stage IV.

Tissue Location

Ubiquitously expressed. Expressed at high levels in heart, placenta and skeletal muscle, at lower levels in lung, kidney and pancreas and at very low levels in brain and liver

Images



Western blot analysis of Calumenin expression in 293T cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.