

Datasheet for ABIN7607038

Recombinant anti-Calsyntenin 1 antibody**2** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Calsyntenin 1 (CLSTN1)
Reactivity:	Human, Mouse
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This Calsyntenin 1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Purpose:	CLSTN1 Rabbit mAb
Immunogen:	A synthesized peptide derived from human CLSTN1
Isotype:	IgG
Specificity:	CLSTN1 Antibody detects endogenous levels of total CLSTN1
Purification:	Affinity-chromatography
Grade:	KD Validated

Target Details

Target:	Calsyntenin 1 (CLSTN1)
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Target Details

Alternative Name:	CLSTN1 (CLSTN1 Products)
Background:	Alcadein alpha 1, alcalpha1, alcalpha2, Calsyntenin 1, CDHR12, Clstn1, CS1, CSTN1, PIK3CD, XB31alpha,
Molecular Weight:	150Da
UniProt:	O94985

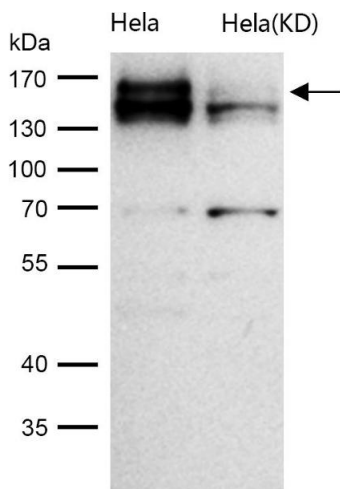
Application Details

Application Notes:	WB 1:500~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200
Restrictions:	For Research Use only

Handling

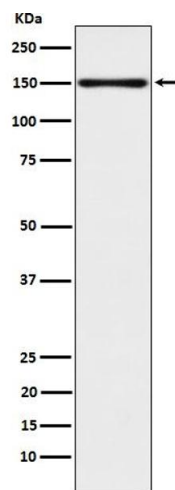
Buffer:	phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Images



Western Blotting

Image 1. All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature. Induces KLC1 association with vesicles and functions as a cargo in axonal anterograde transport. Complex formation with APBA2 and APP, stabilizes APP metabolism and enhances APBA2-mediated suppression of beta-APP40 secretion, due to the retardation of intracellular APP maturation.



Western Blotting

Image 2. Western blot analysis of CLSTN1 expression in 293T cell lysate.