产品名称：CLSTN1 (15R4) Rabbit Monoclonal Antibody
产品货号：AMRe09069

产品概述（Summary）

产品名称（Production Name）	CLSTN1 (15R4) Rabbit Monoclonal Antibody
描述（Description）	Recombinant rabbit monoclonal antibody
宿主（Host）	Rabbit
应用（Application）	WB,IHC,ICC/IF
种属反应性（Reactivity）	Human,Mouse

产品性能（Performance）

偶联物（Conjugation）	Unconjugated
修饰（Modification）	Unmodified
同种型（Isotype）	IgG
克隆（Clonality）	Monoclonal
形式（Form）	Liquid
存放说明（Storage）	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液（Buffer）	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% protective protein.
纯化方式（Purification）	Affinity purification

免疫原信息（Immunogen）

基因名（Gene Name）	CLSTN1
别名（Alternative Names）	Alcadein alpha 1; alcalpha1; alcalpha2; Calsyntenin 1; CDHR12; Clstn1; CS1; CSTN1; PIK3CD; XB31alpha;
基因 ID（Gene ID）	22883.0
蛋白 ID（SwissProt ID）	O94985.A synthetic peptide of human CLSTN1

产品应用（Application）

稀释比（Dilution Ratio）	WB 1:500-1:2000,IHC 1:50-1:100,ICC/IF 1:20-1:50
蛋白分子量（Molecular Weight）	110kDa

研究背景（Background）

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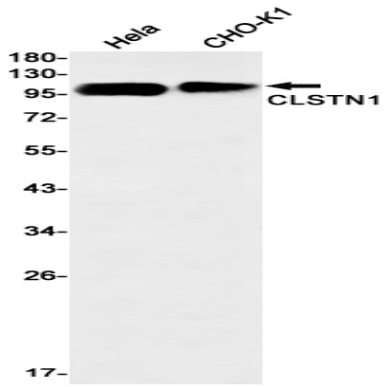
Induces KLC1 association with vesicles and functions as a cargo in axonal anterograde transport. Complex formation with APBA2 and APP, stabilizes APP metabolism and enhances APBA2-mediated suppression of beta-APP40 secretion, due to the retardation of intracellular APP maturation. Induces KLC1 association 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. In complex with APBA2 and C99, a C-terminal APP fragment, abolishes C99 interaction with PSEN1 and thus APP C99 cleavage by gamma-secretase, most probably through stabilization of the direct interaction between APBA2 and APP. The intracellular fragment AlcICD suppresses APBB1-dependent transactivation stimulated by APP C-terminal intracellular fragment (AICD), most probably by competing with AICD for APBB1-binding. May modulate calcium-mediated postsynaptic signals (By similarity).

研究领域（Research Area）

Neuroscience

图片（Image Data）



Western blot detection of CLSTN1 in Hela,CHO-K1 cell lysates using CLSTN1 antibody(1:1000 diluted).

注意事项（Note）

For research use only .