

Amyloid beta A4 (8E6) Rabbit Monoclonal Antibody

Catalog# UZ-MA00295

Product information

产品货号	UZ-MA00295
别名	A4; AAA; ABETA; ABPP; AD1; AICD-50; AICD-57; AICD-59; AID(50); AID(57); AID(59);; amyloid beta (A4) precursor protein; Amyloid beta A4 protein; CTFgamma ; PN 2;CD 31; CVAP; APP;
产品名称	Amyloid beta A4 (8E6) Rabbit Monoclonal Antibody
纯度	Affinity-chromatography
类别	抗体产品
基因名称	APP
推荐应用	WB,IHC-P,IF-P,FCM
反应种属	Human,Mouse,Rat
存储缓冲液	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% BSA.
Human Gene ID	351
Human Swissprot No.	P05067
免疫原	A synthetic peptide of human Amyloid Precursor Protein
稀释度	WB 1:1000-1:5000, IHC-P/IF-P 1:100-1:200, FCM 1:10-1:100
参考分子量	100kDa
预测分子量	87kDa
运输及保存条件	-20°C/1 year
宿主	Rabbit
同种型	IgG
注意事项	Amyloid beta A4 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.
细胞定位	Cell membrane; Single-pass type I membrane protein. Membrane; Single-pass type I membrane protein. Perikaryon Cell projection, growth cone. Membrane, clathrin-coated pit. Early endosome. Cytoplasmic vesicle. Note=Cell surface protein that rapidly becomes internalized via clathrin-coated pits. Only a minor proportion is present at the cell membrane; most of the protein is present in intracellular vesicles (PubMed:20580937) During maturation, the immature APP (N-glycosylated in the endoplasmic reticulum) moves to the Golgi complex where complete maturation occurs (O-glycosylated and sulfated). After alpha-secretase cleavage, soluble APP is released into the extracellular space and the C-terminal is internalized to endosomes and lysosomes. Some APP accumulates in secretory transport vesicles leaving the late Golgi compartment and returns to the cell surface. APP sorts to the basolateral surface in epithelial cells. During neuronal differentiation, the Thr-743 phosphorylated form is located mainly in growth cones, moderately in neurites and sparingly in the cell body (PubMed:10341243). Casein kinase phosphorylation can occur either at the cell surface or within a post-Golgi compartment. Associates with GPC1 in perinuclear compartments. Colocalizes with SORL1 in a vesicular pattern in cytoplasm and perinuclear regions. [C99]: Early endosome [Amyloid-beta protein 42]: Cell surface. Note=Associates with FPR2 at the cell surface and the complex is then rapidly internalized.
Clonality	Monoclonal