BACE (Phospho Ser498) Rabbit Polyclonal Antibody

Catalog# UZ-PA01413

Product information

产品货号	UZ-PA01413
别名	Beta-secretase 1 (EC 3.4.23.46;Aspartyl protease 2;ASP2;Asp 2;Beta-site amyloid precursor protein cleaving enzyme 1;Beta-site APP cleaving enzyme 1;Memapsin-2;Membrane-associated aspartic protease 2);BACE;KIAA1149
产品名称	BACE (Phospho Ser498) Rabbit Polyclonal Antibody
类别	抗体产品
基因名称	BACE1
推荐应用	WB,ELISA
反应种属	Human,Mouse,Rat
存储缓冲液	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Human Gene ID	23621
Human Swissprot No.	P56817
免疫原	Synthesized peptide derived from human BACE (Phospho Ser498)
稀释度	WB 1:1000-2000, ELISA 1:5000-20000
预测分子量	73kDa
运输及保存条件	-20°C/1 year
宿主	Rabbit
同种型	Rabbit,IgG
背景介绍	beta-secretase 1(BACE1) Homo sapiens This gene encodes a member of the peptidase A1 family of aspartic proteases. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed to generate the mature protease. This transmembrane protease catalyzes the first step in the formation of amyloid beta peptide from amyloid precursor protein. Amyloid beta peptides are the main constituent of amyloid beta plaques, which accumulate in the brains of human Alzheimer's disease patients. [provided by RefSeq, Nov 2015],
细胞定位	Cell membrane ; Single-pass type I membrane protein . Golgi apparatus, trans-Golgi network . Endoplasmic reticulum . Endosome . Cell surface . Cytoplasmic vesicle membrane ; Single-pass type I membrane protein . Membrane raft . Lysosome . Late endosome . Early endosome . Recycling endosome . Cell projection, axon . Cell projection, dendrite . Predominantly localized to the later Golgi/trans-Golgi network (TGN) and minimally detectable in the early Golgi compartments. A small portion is also found in the endoplasmic reticulum, endosomes and on the cell surface (PubMed:17425515, PubMed:11466313). Colocalization with APP in early endosomes is due to addition of bisecting N-acetylglucosamine wich blocks targeting to late endosomes and lysosomes (By similarity). Retrogradly transported from endosomal compartments to the trans-Golgi network in a phosphorylation- and GGA1- dependent manner (PubMed:15886016). .
纯化	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Clonality	Polyclonal