န္ရ β-Amyloid (1-43) (E8C2D) Rabbit mAb





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Applications: W, IF-F	Reactivity: H	Sensitivity: Endogenous	MW (kDa): 6	Source/Isotype: Rabbit IgG	UniProt ID: #P05067	Entrez-Gene Id: 351
Product Usage Information		Application Western Blotting Immunofluorescence	(Frozen)		Dilution 1:1000 1:200 - 1:800	D
Storage		Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 μg/ml BSA, 50% glycerol and less than 0.02% sodium azide. Store at –20°C. Do not aliquot the antibody.				
		For a carrier free (BSA and azide free) version of this product see product #29691.				
Specificity/Sen	sitivity	β-Amyloid (1-43) (E8C2D) Rabbit mAb recognizes endogenous levels of total human Aβ-43 protein. This product detects transgenically expressed human APP in mouse models. This antibody weakly cross-reacts with human Aβ-42 protein.				
Species predict based on 100% homology		Mouse				
Source / Purific	cation	Monoclonal antibody i residues near the carb		unizing animals with a s nyloid (1-43) protein.	synthetic peptide co	rresponding to
Background		several isoforms (1). Th released by a two-step released Aβ fragments can be phosphorylated this protein (2-5). Phos cyclin-dependent kina: at Thr668 exists in adu Aβ43 has been sugges lower levels of Aβ43 in	ne amino acid sequ proteolytic cleavag form the main cor d at several sites, w phorylation at Thre se is cell-cycle depe lt rat brain and cor ted as a biomarker cerebrospinal fluic	a 100-140 kDa transmer ence of APP contains th ge (1). The extracellular of mponents of amyloid pla hich may affect the prot 568 (a position correspondent and peaks during relates with cultured ne in early onset of Alzhein (7,8,9). Several studies els of Alzheimer's diseas	e amyloid domain, w deposition and accu ques in Alzheimer's eolytic processing a nding to the APP69 g G2/M phase (4). AP uronal differentiation mer's disease, wher have shown that Aβ	which can be imulation of the s disease (1). APP and secretion of 5 isoform) by PP phosphorylated on (5,6). re patients have 8 toxicity of Aβ43 is
Background Re	eferences	1. Selkoe, D.J. (1996) <i>J I</i> 2. Caporaso, G.L. et al. 3. Hung, A.Y. and Selko 4. Suzuki, T. et al. (1994) 5. Ando, K. et al. (1999) 6. Iijima, K. et al. (2000) 7. Lauridsen, C. et al. (2 8. Almdahl, I.S. et al. (2 9. Pachahara, S.K. et al. 10. Trambauer, J. et al.	(1992) Proc Natl Ad be, D.J. (1994) EMBC 4) EMBO J 13, 1114- 1) J Neurosci 19, 442 1) J Neurochem 75, 2017) Front Aging I 2017) Front Aging N 1. (2015) PLoS One	<i>cad Sci USA</i> 89, 3055-9. 2/13, 534-42. 22. 1-7. 1085-91. <i>Neurosci</i> 9, 210. <i>leurosci</i> 9, 9. 10, e0136567.		
Species Reactiv	vity	Species reactivity is de	termined by testing	g in at least one approve	d application (e.g.,	western blot).
Western Blot B	Buffer	IMPORTANT: For west TBS, 0.1% Tween® 20		membrane with diluted haking, overnight.	primary antibody ir	ı 5% w/v BSA, 1X
Applications K	ey	W: Western Blotting IF-F: Immunofluorescence (Frozen)				
Cross-Reactivit	ty Key	H: Human				

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