antibodies .- online.com







anti-BACE2 antibody (AA 336-365)





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Alternative Name:

Overview	
Quantity:	400 μL
Target:	BACE2
Binding Specificity:	AA 336-365
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BACE2 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)
Product Details	
Immunogen:	This BACE2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 336-365 amino acids from the Central region of human BACE2.
Clone:	RB2187
Isotype:	lg Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Target Details	
Target:	BACE2

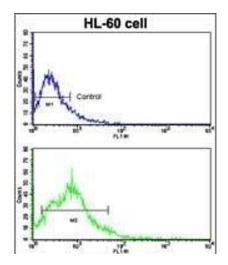
BACE2 (BACE2 Products)

Target Details

Expiry Date:

6 months

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Background:	Cerebral deposition of amyloid beta peptide is an early and critical feature of Alzheimer's disease and a frequent complication of Down syndrome. Amyloid beta peptide is generated by proteolytic cleavage of amyloid precursor protein by 2 proteases, one of which is the protein encoded by BACE2. This gene localizes to the 'Down critical region' of chromosome 21. The encoded protein, a member of the peptidase A1 protein family, is a type I integral membrane glycoprotein and aspartic protease.
Molecular Weight:	56180
Gene ID:	25825
NCBI Accession:	NP_036237, NP_620476, NP_620477
UniProt:	Q9Y5Z0
Application Details	
Application Notes:	WB: 1:1000. FC: 1:10~50
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in smal aliquots to prevent freeze-thaw cycles.



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Flow Cytometry

Image 1. Flow cytometric analysis of HL-60 cells using BACE2 Antibody (Center)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goatanti-rabbit secondary antibodies were used for the analysis.

Western Blotting

Image 2. The anti-BACE2 Ctr Pab (ABIN390067 and ABIN2840591) is used in Western blot to detect BACE2 in HL60 cell lysate.