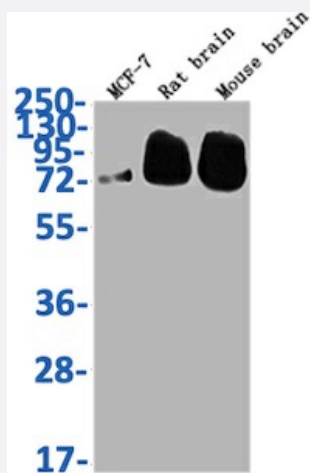


RecomAb™

BACE1 recombinant monoclonal antibody, clone 7G3

Catalog # RAB04089 Size 100 uL

Applications



Western Blot

Western Blot analysis of Lane 1: MCF-7 whole cell lysate; Lane 2: Rat brain tissue; Lane 3: Mouse brain tissue.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human, mouse and rat BACE1.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to full length human BACE1.
Reactivity	Human, Mouse, Rat
Form	Liquid
Purification	Affinity chromatography
Isotype	IgG
Recommend Usage	ELISA Western Blot (1:500-1:5000) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS, pH7.4 (150mM NaCl, 50% glycerol and 0.02% sodium azide)
Storage Instruction	Store at -20 °C or -80 °C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western Blot analysis of Lane 1: MCF-7 whole cell lysate; Lane 2: Rat brain tissue; Lane 3: Mouse brain tissue.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — BACE1

Entrez GeneID	23621
Protein Accession#	P56817
Gene Name	BACE1
Gene Alias	ASP2, BACE, FLJ90568, HSPC104, KIAA1149
Gene Description	beta-site APP-cleaving enzyme 1
Omim ID	604252
Gene Ontology	Hyperlink
Gene Summary	Cerebral deposition of amyloid beta peptide is an early and critical feature of Alzheimer's disease. Amyloid beta peptide is generated by proteolytic cleavage of amyloid precursor protein (APP) by two proteases, one of which is the protein encoded by this gene. The encoded protein, a member of the peptidase A1 protein family, is a type I integral membrane glycoprotein and aspartic protease that is found mainly in the Golgi. Four transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq]
Other Designations	APP beta-secretase aspartyl protease 2 beta-secretase beta-site amyloid beta A4 precursor protein-cleaving enzyme beta-site amyloid precursor protein cleaving enzyme memapsin-2 membrane-associated aspartic protease 2 transmembrane aspartic proteinase Asp2

Disease

- [Alzheimer disease](#)
- [Amnesia](#)
- [Cardiovascular Diseases](#)
- [Cognition](#)
- [Cognition Disorders](#)
- [Diabetes Complications](#)
- [Genetic Predisposition to Disease](#)
- [Metabolic Syndrome X](#)
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