

Anti-BACE1 Antibody (2J206)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human, Mouse, Rat
Conjugation:	Unconjugated
Clone:	2J206
Purification:	Affinity-chromatography

Applications

Western Blot	-Positive WB detected in: MCF-7 whole cell lysate, Rat brain tissue, Mouse brain tissue
Verified Activity:	-All lanes: BACE1 antibody at 1:2000 -Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution -Predicted band size: 56, 53, 52, 49, 46, 43 kDa -Observed band size: 72 kDa
Application:	ELISA, WB
Recommended	WB:1:500-1:5000.

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthetic peptide: Human BACE1
Antigen Species:	Human
Gene ID:	23621
Uniprot ID:	P56817
Synonyms:	HSPC104; β -site APP-cleaving enzyme 1;ASP2;BACE;beta-site APP-cleaving enzyme 1
Biology Area:	Neuroscience, Cell biology

Research Background

Responsible for the proteolytic processing of the amyloid precursor protein (APP). Cleaves at the N-terminus of the A-beta peptide sequence, between residues 671 and 672 of APP, leads to the generation and extracellular release of beta-cleaved soluble APP, and a corresponding cell-associated C-terminal fragment which is later released by gamma-secretase. Cleaves CHL1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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