

Datasheet for ABIN6796338
anti-APP antibody (Thr668, Thr743)



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Overview

Quantity:	100 µg
Target:	APP
Binding Specificity:	Thr668, Thr743
Reactivity:	Human, Mouse, Rat, Dog, Cow, Rabbit, Horse, Guinea Pig, Monkey, Chicken, Pig, Zebrafish (Danio rerio), Xenopus laevis
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This APP antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Synthetic phosphopeptide corresponding to human beta Amyloid A4 around the phosphorylation site of threonine 743 (A-V-TP-P-E). Type of Immunogen: Synthetic phospho-peptide
Isotype:	IgG
Specificity:	Recognizes human APP when phosphorylated at Thr743/668. Species cross-Reactivity: mouse.
Purification:	Immunoaffinity purified

Target Details

Target:	APP
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Target Details

Alternative Name:	APP / beta Amyloid (APP Products)
Background:	Name/Gene ID: APP Family: Amyloid precursor protein Synonyms: APP, ABPP, A4, ABETA, AD1, Alzheimer disease, Amyloid beta, Beta-amyloid peptide, APPI, Beta amyloid, CVAP, AAA, PN2, PreA4, Amyloid beta A4 protein, Peptidase nexin-II, CTFgamma, PN-II, Protease nexin-II
Gene ID:	351
UniProt:	P05067
Pathways:	Caspase Cascade in Apoptosis , EGFR Signaling Pathway , Transition Metal Ion Homeostasis , Skeletal Muscle Fiber Development , Toll-Like Receptors Cascades , Feeding Behaviour

Application Details

Application Notes:	Approved: ELISA (1:4000), IHC (1:50 - 1:100), WB (1:500 - 1:1000) Usage: Suitable for use in ELISA, Western Blot and Immunohistochemistry. ELISA:1:4000. Western Blot:1:500-1:1000. Immunohistochemistry:1:50-1:100.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS (without Mg ²⁺ , Ca ²⁺), pH 7.4, 150 mM sodium chloride, 0.02 % sodium azide, 50 % glycerol
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Aliquot to Avoid repeated freezing and thawing.
Storage:	4 °C, -20 °C

Handling

Storage Comment: May be stored at 4°C for short-term only. Aliquot to avoid freeze-thaw cycles. Store at -20°C.
Aliquots are stable for at least 1 year.