

Phospho-beta Amyloid (Thr743) Polyclonal Antibody

Catalog No. E-AB-21260

Note: Centrifuge before opening to ensure complete recovery of vial contents.

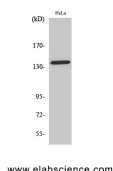
Description

Reactivity	Human,Mouse,Rat
Immunogen	Synthesized peptide derived from human Amyloid- β around the phosphorylation site of Thr743
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide, 0.5% protective protein and 50% glycerol, pH7.4

Applications Recommended Dilution

WB	1:500-1:2000
IHC	1:100-1:300
IF	1:200-1:1000
ELISA	1:10000

Data



Western Blot analysis of HeLa cells with Phospho-beta Amyloid (Thr743) Polyclonal Antibody

Observed Mw:140kDa

Calculated Mw:87kDa

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

A β derives from APP via proteolytic cleavage by proteases called α -, β - and γ -secretase. The α -secretase cleavage precludes the formation of A β , while the β - and γ -cleavages generate APP components with amyloidogenic features. Amyloid beta A4 precursor protein (APP), encoded by APP gene which locate on human chromosome 21q, is a cell surface receptor and performs physiological functions on the surface of neurons relevant to neurite growth, neuronal adhesion and axonogenesis. APP expressed in all fetal tissues and is pronounced in brain, kidney, heart and spleen, but weak in liver. Defects in APP are the cause of Alzheimer disease type 1 (AD1). This antibody can recognize the N-

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terminus of human APP: Soluble APP-alpha and Soluble APP-beta.