

Phospho-BACE1 (Ser498) Polyclonal Antibody

Product Details

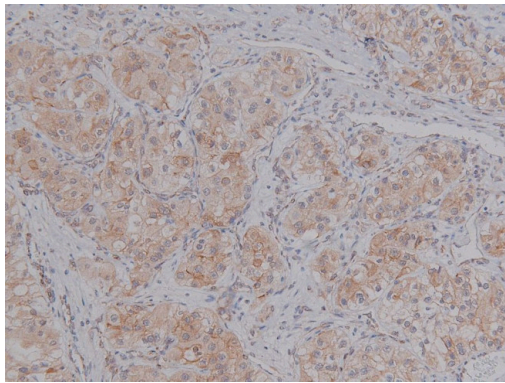
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Published Species	Rat, Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	A synthesized peptide derived from human BACE1(Accession P56817), corresponding to amino acid residues around phosphorylated Ser498.
Form	Liquid
Concentration	1 mg/mL
Purification	sequential chromatography
Storage buffer	PBS, pH 7.4, with 50% glycerol
Contains	0.02% sodium azide
Storage conditions	-20°C
RRID	AB_2817146

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000-1:3,000	2 Publications
Immunohistochemistry (Paraffin) (IHC (P))	1:50-1:200	-

Product Specific Information

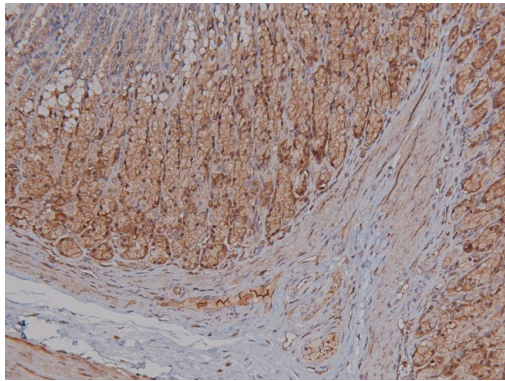
Antibody detects endogenous levels of BACE only when phosphorylated at Ser498.

Product Images For Phospho-BACE1 (Ser498) Polyclonal Antibody



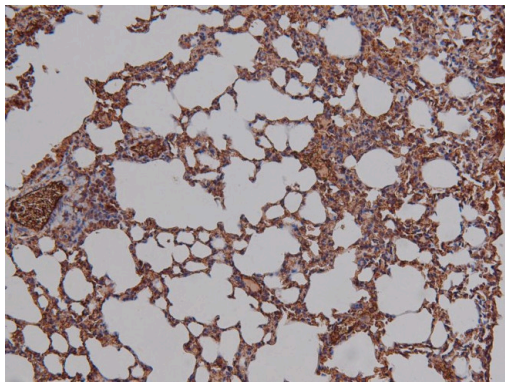
Phospho-BACE1 (Ser498) Antibody (PA5-105747) in IHC (P)

Immunohistochemistry analysis of paraffin-embedded Phospho-BACE1 (Ser498) in human liver cancer tissue sections. Antigen retrieval was performed using citrate buffer. Samples were blocked with blocking buffer (1.5 hr, 22°C), incubated with Phospho-BACE1 (Ser498) polyclonal antibody (Product # PA5-105747) using a dilution of 1:200 (1.5 hr, 22°C), followed by HRP conjugated goat anti-rabbit.



Phospho-BACE1 (Ser498) Antibody (PA5-105747) in IHC (P)

Immunohistochemistry analysis of paraffin-embedded Phospho-BACE1 (Ser498) in rat gastric tissue sections. Antigen retrieval was performed using citrate buffer. Samples were blocked with blocking buffer (1.5 hr, 22°C), incubated with Phospho-BACE1 (Ser498) polyclonal antibody (Product # PA5-105747) using a dilution of 1:200 (1.5 hr, 22°C), followed by HRP conjugated goat anti-rabbit.



Phospho-BACE1 (Ser498) Antibody (PA5-105747) in IHC (P)

Immunohistochemistry analysis of paraffin-embedded Phospho-BACE1 (Ser498) in mouse lung tissue sections. Antigen retrieval was performed using citrate buffer. Samples were blocked with blocking buffer (1.5 hr, 22°C), incubated with Phospho-BACE1 (Ser498) polyclonal antibody (Product # PA5-105747) using a dilution of 1:200 (1.5 hr, 22°C), followed by HRP conjugated goat anti-rabbit.

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Western Blot (2)

<p>Molecular medicine reports</p> <p>A novel nonselective atypical PKC agonist could protect neuronal cell line from Aoligomer induced toxicity by suppressing A generation.</p> <p>"PA5-105747 was used in Western Blot to reveal that aPKC agonists have therapeutic potential for the treatment of AD."</p> <p>Authors: Zou D,Li Q,Pan W,Chen P,Sun M,Bao X</p>	<p>Year</p> <p>2022</p> <p>Species</p> <p>Human</p> <p>Dilution</p> <p>1:1000</p>
<p>Clinical and experimental pharmacology & physiology</p> <p>Pentoxifylline prevents epileptic seizure via modulating HMGB1/RAGE /TLR4 signalling pathway and improves memory in pentylenetetrazol kindling rats.</p> <p>"PA5-105747 was used in Western Blotting to find that PTX or its combination with phenytoin represent a promising drug to inhibit the epilepsy progression via targeting the HMGB1/TLR4/RAGE signalling pathway."</p> <p>Authors: Badawi GA,Shokr MM,Zaki HF,Mohamed AF</p>	<p>Year</p> <p>2021</p> <p>Species</p> <p>Rat</p> <p>Dilution</p> <p>1:3000</p>

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