

Anti-Palmitoyltransferase ZDHHC7 ZDHHC7 Antibody

Catalog Number: A11785

About ZDHHC7

Palmitoyltransferase with broad specificity. Palmitoylates SNAP25 and DLG4/PSD95. May palmitoylate GABA receptors on their gamma subunit (GABRG1, GABRG2 and GABRG3) and thereby regulate their synaptic clustering and/or cell surface stability. By similarity. Palmitoylates sex steroid hormone receptors, including ESR1, PGR and AR, thereby regulating their targeting to the plasma membrane. This affects rapid intracellular signaling by sex hormones via ERK and AKT kinases and the generation of cAMP, but does not affect that mediated by their nuclear receptors.

Ota T., Nat. Genet. 36:40-45(2004).

The MGC Project Team; Genome Res. 14:2121-2127(2004).

Sjoebloom T., Science 314:268-274(2006)

Overview

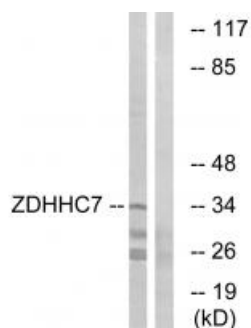
Product Name	Anti-Palmitoyltransferase ZDHHC7 ZDHHC7 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Palmitoyltransferase ZDHHC7 ZDHHC7 Antibody (Catalog # A11785). Tested in WB applications. This antibody reacts with Human, Mouse, Rat.
Application	WB
Clonality	Polyclonal
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q9NXF8

Technical Details

Immunogen	Synthesized peptide derived from C-terminal of human ZDHHC7.
Predicted Reactive Species	Chimpanzee, Drosophila, Macaque
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml

Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Suggested Dilutions	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>Western blotting: 1:500~1:3000</p>

Anti-Palmitoyltransferase ZDHHC7 ZDHHC7 Antibody (A11785) Images



Western blot analysis of extracts from HUVEC cells, using ZDHHC7 antibody A11785.

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