

Alpha Adducin Phospho-Thr445 (ADD1 pT445) Antibody

Catalogue No.: abx326604

Alpha Adducin (ADD1) (pT445) Antibody is a Rabbit Polyclonal against Alpha Adducin (ADD1) (pT445). Adducins are a family of cytoskeletal proteins encoded by three genes (alpha, beta, and gamma). Adducin acts as a heterodimer of the related alpha, beta, or gamma subunits. The protein encoded by this gene represents the alpha subunit. Alpha- and beta-adducin include a protease-resistant N-terminal region and a protease-sensitive, hydrophilic C-terminal region. Adducin binds with high affinity to Ca(2+)/calmodulin and is a substrate for protein kinases A and C.

Target:	Alpha Adducin Phospho-Thr445 (ADD1 pT445)
Clonality:	Polyclonal
Target Modification:	Thr445
Modification:	Phosphorylation
Reactivity:	Human, Mouse, Rat
Tested Applications:	ELISA, IHC
Host:	Rabbit
Recommended dilutions:	ELISA: 1/5000, IHC: 1/100 - 1/300. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Synthesized peptide derived from human Adducin α around the phosphorylation site of T445.
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P35611 (UniProt , ExPASy) Q9QYC0 (UniProt , ExPASy)
Gene Symbol:	ADD1
GeneID:	118

Datasheet

Version: 2.0.0

Revision date: 28 Jun 2025



OMIM: [102680](#)

NCBI Accession: NP_001110.2, NM_001119.4

HGNC: 243

Ensembl: ENSG00000087274

String: [9606.ENSP00000264758](#) [10090.ENSMUSP00000109979](#)

Buffer: PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only