

Anti-Phospho-Adducin  $\alpha$  (Thr445) Polyclonal Antibody

## Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 80 kDa.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

## Applications

Application:	ELISA,IF,IHC-P
Recommended	IHC-P: 1:100-300; ELISA: 1:5000

## Properties

Stability & Storage:	Store at $-20^{\circ}\text{C}$ or $-80^{\circ}\text{C}$ for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	A synthesized phosphopeptide: human ADD1 around the phosphorylation site of Thr445. AA range:411-460
Antigen Species:	human
Uniprot ID:	P35611
Synonyms:	Adducin $\alpha$ (p-T445);p-Adducin $\alpha$ (Thr445);p-Adducin $\alpha$ (T445);Adducin $\alpha$ (p-Thr445)

## Research Background

adducin 1(ADD1) Homo sapiens Adducins are a family of cytoskeleton proteins encoded by three genes (alpha, beta, gamma). Adducin is a heterodimeric protein that consists of related subunits, which are produced from distinct genes but share a similar structure. Alpha- and beta-adducin include a protease-resistant N-terminal region and a protease-sensitive, hydrophilic C-terminal region. Alpha- and gamma-adducins are ubiquitously expressed. In contrast, beta-adducin is expressed at high levels in brain and hematopoietic tissues. Adducin binds with high affinity to  $\text{Ca}(2+)/\text{calmodulin}$  and is a substrate for protein kinases A and C. Alternative splicing results in multiple variants encoding distinct isoforms; however, not all variants have been fully described. [provided by RefSeq, Jul 2008],

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481