

Datasheet for ABIN1532089
anti-LCP2 antibody (pTyr128)[2 Images](#)[1 Publication](#)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	LCP2
Binding Specificity:	AA 94-143, pTyr128
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LCP2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human SLP-76 around the phosphorylation site of Tyr128.
Isotype:	IgG
Specificity:	SLP-76 (Phospho-Tyr128) Antibody detects endogenous levels of SLP-76 only when phosphorylated at Tyr128. PhosphorylationH:Y128 M:Y128 R:Y128
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Purity:	> 95 %

Target Details

Target:	LCP2
Alternative Name:	SLP-76 (LCP2 Products)
Background:	Synonyms: LCP2, Lymphocyte cytosolic protein 2, SH2 domain-containing leucocyte protein of 76 kDa, SLP-76 tyrosine phosphoprotein NCBI Gene Symbol: LCP2
Molecular Weight:	60 kDa
Gene ID:	3937
OMIM:	601603
UniProt:	Q13094
Pathways:	TCR Signaling , Fc-epsilon Receptor Signaling Pathway

Application Details

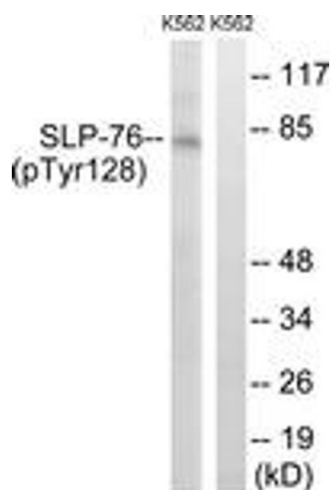
Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:1000
Comment:	Unigene-Number: Hs.304475 (NCBI Gene Symbol: LCP2)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months

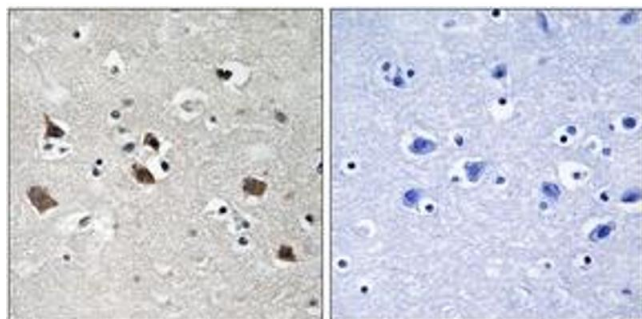
Product cited in: Tomomura, Hasegawa, Suda, Sakagami, Tomomura et al.: "Serum calcium-decreasing factor, caldecrin, inhibits receptor activator of NF- κ B ligand (RANKL)-mediated Ca²⁺ signaling and actin ring formation in mature osteoclasts via suppression of Src signaling ..." in: **The Journal of biological chemistry**, Vol. 287, Issue 22, pp. 17963-74, (2012) ([PubMed](#)).

Images



Western Blotting

Image 1. Western blot analysis of extracts from K562 cells treated with Na₃VO₄ 0.3nM 40', using SLP-76 (Phospho-Tyr128) Antibody. The lane on the right is treated with the synthesized peptide.



Immunohistochemistry

Image 2. Immunohistochemistry analysis of paraffin-embedded human brain, using SLP-76 (Phospho-Tyr128) Antibody. The picture on the right is treated with the synthesized peptide.