ADD1(Phospho-Ser726) Antibody

Catalog No: #11182

Package Size: #11182-1 50ul #11182-2 100ul #11182-4 25ul

Overview

Product Name	ADD1(Phospho-Ser726) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB IHC IF
Species Reactivity	Hu Ms Rt
Immunogen Type	Peptide-KLH
Target Name	ADD1
Modification	Phospho-Ser726
Alternative Names	ADDA; Erythrocyte adducin alpha subunit;

Application Details

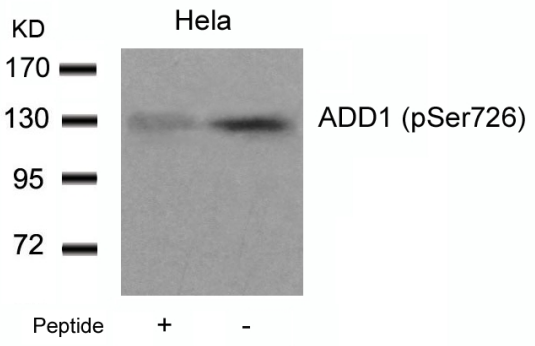
Predicted MW: 130kd

Western blotting: 1:500~1:1000

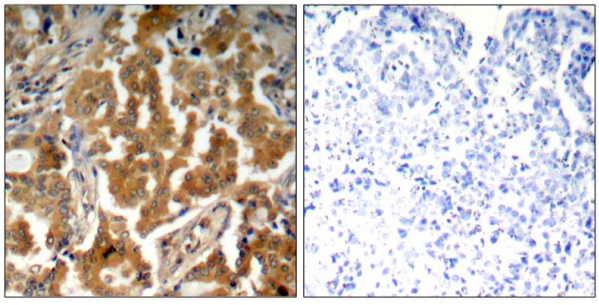
Immunohistochemistry: 1:50~1:100

Immunofluorescence: 1:100~1:200

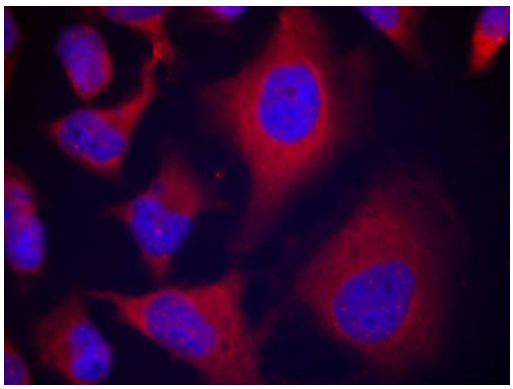
Images



Western blot analysis of extracts from Hela cells using ADD1(Phospho-Ser726) Antibody #11182 and the same antibody preincubated with blocking peptide.



Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue using ADD1(Phospho-Ser726) Antibody #11182(left) or the same antibody preincubated with blocking peptide(right).



Immunofluorescence staining of methanol-fixed Hela cells using ADD1(Phospho-Ser726) Antibody #11182.

Descriptions

Immunogen	Peptide sequence around phosphorylation site of serine 726 (T-P-S(p)-F-L) derived from Human ADD1.
Specificity	The antibody detects endogenous level of ADD1only when phosphorylated at serine 726.
Purifiction	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy using non-phosphopeptide.
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.
Accession NO.	Swiss-Prot: P35611NCBI Protein: NP_001110.2

Related Information

Adducins are a family of cytoskeleton proteins encoded by three genes (a, beta, gamma). Adducin is a heterodimeric protein that consists of related subunits, which are produced from distinct genes but share a similar structure. a- and beta-adducin include a protease-resistant N-terminal region and a protease-sensitive, hydrophilic C-terminal region. a- 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 Ca(2+)/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.

Pariser H, et al. Proc Natl Acad Sci USA 2005 Aug 30; 102(35): 12407-12

Tamaru S, et al. Biochem Biophys Res Commun 2005 Jul 01; 332(2): 347-51

Barkalow KL, et al. J Cell Biol 2003 May 12; 161(3): 557-70