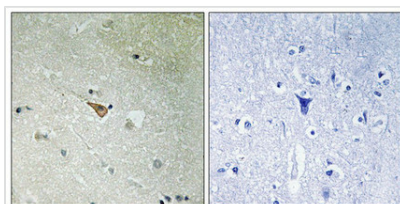




Phospho-ALK (Tyr1096) Antibody

Product Code	CSB-PA116393
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q9UM73
Immunogen	Peptide sequence around phosphorylation site of tyrosine 1096 (P-N-Y(p)-C-F) derived from Human ALK.
Raised In	Rabbit
Species Reactivity	Human, Mouse
Specificity	The antibody detects endogenous levels of ALK only when phosphorylated at tyrosine 1096.
Tested Applications	ELISA, IHC; IHC: 1:50-1:100
Relevance	The 2;5 chromosomal translocation is frequently associated with anaplastic large cell lymphomas (ALCLs). The translocation creates a fusion gene consisting of the ALK (anaplastic lymphoma kinase) gene and the nucleophosmin (NPM) gene: the 3' half of ALK, derived from chromosome 2, is fused to the 5' portion of NPM from chromosome 5. A recent study shows that the product of the NPM-ALK fusion gene is oncogenic. The deduced amino acid sequences reveal that ALK is a novel receptor protein-tyrosine kinase having a putative transmembrane domain and an extracellular domain. Morris S.W., Oncogene 14:2175-2188(1997). Morris S.W., Oncogene 15:2883-2883(1997). Iwahara T., Oncogene 14:439-449(1997).
Form	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	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 chromatography.
Clonality	Polyclonal
Alias	ALK tyrosine kinase receptor; anaplastic lymphoma kinase; anaplastic lymphoma kinase (Ki-1); CD246; EC 2.7.10.1; kinase ALK
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	ALK
Image	



Immunohistochemical analysis of paraffin-embedded human brain tissue, using ALK (Phospho-Tyr1096) antibody (left) or the same antibody preincubated with blocking peptide (right).

Product Modify**Phospho-Tyr1096**