

Product datasheet for **AP20921PU-N**

ALK pTyr1586 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	Immunohistochemistry on paraffin sections 1/50 - 1/200.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Specificity:	This antibody detects endogenous levels of ALK protein only when phosphorylated at Y1586.
Formulation:	Phosphate buffered saline (PBS), pH 7.2. State: Aff - Purified State: Liquid purified Ig fraction Preservative: 0.05% sodium azide
Concentration:	1.0 mg/ml
Purification:	Affinity chromatography (> 95% (by SDS-PAGE)
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	~ 170 kDa
Gene Name:	anaplastic lymphoma receptor tyrosine kinase
Database Link:	Entrez Gene 238 Human Q9UM73



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Background:

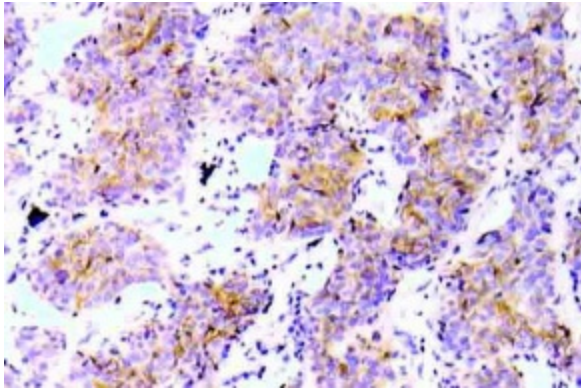
LTK, ALK and Ros have been identified as receptor tyrosine kinases having sequence similarity to the insulin receptor subfamily of kinases. LTK, leukocyte tyrosine kinase, is expressed in murine B-lymphocyte precursors and has also been found in forebrain neurons. ALK, anaplastic lymphoma kinase, is normally highly expressed specifically in the nervous system. A truncated form containing the catalytic domain of ALK is expressed as the result of a translocation occurring in many non-Hodgkin's lymphomas. The c-Ros gene was originally identified in mutant form as an oncogene. Ros is normally expressed in a small number of epithelial cell types and may play a role in epithelial development.

Synonyms:

ALK tyrosine kinase receptor

Protein Families:

Druggable Genome, Protein Kinase

Product images:

Immunohistochemistry (IHC) analyzes of p-ALK antibody (Cat.-No.: AP20921PU-N) in paraffin-embedded human lung adenocarcinoma tissue.