

ALK Polyclonal Antibody

CATALOG NO:	3355-30T	30 µg (Trial size)
	3355-100	100 µg
HOST:	Rabbit	
IMMUNOGEN:	Synthetic peptide corresponding to C-terminus of human ALK (Internal ID# BV-613).	
SPECIES REACTIVITY:	Human	

FORMULATION:

0.5 mg/ml affinity purified rabbit anti-ALK polyclonal antibody in PBS, pH 7.2, 30% glycerol, 0.5% BSA, 0.5 mM EDTA and 0.03% proclin

STORAGE CONDITIONS:

Store at -20°C. For long-term storage, aliquot and freeze at -70°C. Avoid repeated freeze/defrost cycles.

BACKGROUND:

ALK (anaplastic lymphoma kinase) was originally discovered as a NPM (Nucleophosmin)-ALK fusion protein. The NPM-ALK is a constitutively active oncogenic tyrosine kinase associated with anaplastic lymphoma. Activation of PLCgamma by NPM-ALK has been suggested as a crucial step for this lymphoma-associated oncogenic tyrosine kinase.

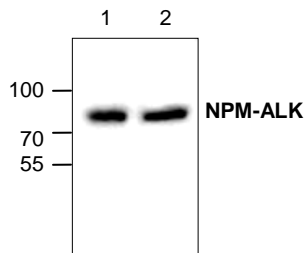
SPECIFICITY:

The antibody detects human ALK (~200 kDa) and NPM-ALK (~80 kDa). Blocking peptide (Cat.# 3355BP-50) is available separately.

APPLICATIONS:

The antibody can be used for Western blotting (0.5-4 µg/ml). However, the optimal conditions should be determined individually.

USAGE: The product is for Research Use Only. Not to be used in humans.



Cat. #: 3355-100

Western blot analysis of ALK expression in Jurkat cell lysate (Lane 1 & 2)

FOR RESEARCH USE ONLY! Not to be used on humans.

RELATED PRODUCTS:

Apoptosis Detection Kits & Reagents

- Annexin V Kits & Bulk Reagents
- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

Cell Fractionation System

- Mitochondria/Cytosol Fractionation Kit
- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

Cell Proliferation & Senescence

- Quick Cell Proliferation Assay Kit
- Senescence Detection Kit
- High Throughput Apoptosis/Cell Viability Assay Kits
- LDH-Cytotoxicity Assay Kit
- Bioluminescence Cytotoxicity Assay Kit
- Live/Dead Cell Staining Kit

Cell Damage & Repair

- HDAC Fluorometric & Colorimetric Assays & Drug Discovery Kits
- HAT Colorimetric Assay Kit & Reagents
- DNA Damage Quantification Kit
- Glutathione & Nitric Oxide Fluorometric & Colorimetric Assay Kits

Signal Transduction

- cAMP & cGMP Assay Kits
- Akt & JNK Activity Assay Kits
- Beta-Secretase Activity Assay Kit

Adipocyte & Lipid Transfer

- Recombinant Adiponectin, Survivin, & Leptin
- CETP Activity Assay & Drug Discovery Kits
- PLTP Activity Assay & Drug Discovery Kits
- Total Cholesterol Quantification Kit

Molecular Biology & Reporter Assays

- siRNA Vectors
- Cloning Insert Quick Screening Kit
- Mitochondrial & Genomic DNA Isolation Kits
- 5 Minutes DNA Ligation Kit
- 20 Minutes Gel Staining/Destaining Kit
- β-Galactosidase Staining Kit & Luciferase Reporter Assay Kit

Growth Factors and Cytokines

Monoclonal and Polyclonal Antibodies