

Datasheet for ABIN6243477
anti-ALK antibody (AA 636-666)[Go to Product page](#)

2 Images

Overview

Quantity:	400 µL
Target:	ALK
Binding Specificity:	AA 636-666
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ALK antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This ALK antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 636-666 amino acids from the Central region of human ALK.
Clone:	RB15425
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	ALK
Alternative Name:	ALK (ALK Products)

Target Details

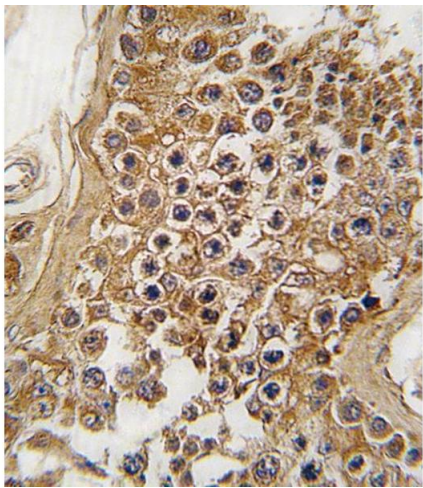
Background:	ALK, a member of the insulin receptor subfamily of Tyr protein kinases, is an orphan receptor. It appears to play an important role in the normal development and function of the nervous system. This Type I membrane protein is expressed in brain and CNS and in the small intestine and testis, but not in normal lymphoid cells. A form of non-Hodgkin's lymphoma is characterized by a chromosomal translocation t(2,5)(p23,q35) that involves NPM1 and ALK. The protein contains 1 LDL-receptor class A domain and 2 putative MAM domains.
Molecular Weight:	176442
NCBI Accession:	NP_004295
UniProt:	Q9UM73
Pathways:	RTK Signaling

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only

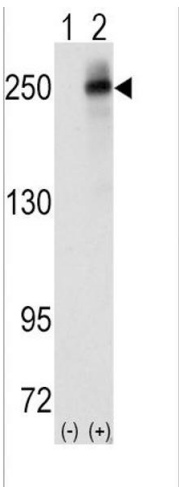
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	4 °C, -20 °C
Expiry Date:	6 months



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human testis tissue reacted with ALK antibody (Center) (ABIN6243477 and ABIN6579002) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.



Western Blotting

Image 2. Western blot analysis of ALK(Center)(arrow) using rabbit polyclonal ALK(Center) Antibody (ABIN6243477 and ABIN6579002). 293 cell lysates (2 µg/lane) either nontransfected (Lane 1) or transiently transfected with the ALK (Center) gene (Lane 2) (Origene Technologies).