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Datasheet for ABIN499964

anti-IKAP/p150 antibody (C-Term)

2 Images

Overview

Quantity:	0.1 mg
Target:	IKAP/p150 (ELP1)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IKAP/p150 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	IKAP antibody was raised against a 16 amino acid peptide from near the carboxy terminus of human IKAP.
Isotype:	IgG
Specificity:	This antibody reacts to IKAP.
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	IKAP/p150 (ELP1)
Alternative Name:	ELP1 / IKBKAP (ELP1 Products)
Background:	IKAP was initially identified as a scaffold protein of the IkappaB kinase complex that could bind

Target Details

to IKKalpha, IKKbeta, NF-kappaB, and the NF-kappaB-inducing kinase (NIK), although later evidence has cast doubt on this. More recent reports show that mutations in IKAP such as a frameshift leading to a truncated protein or a missense mutation that leads to defective phosphorylation are responsible for the autosomal recessive genetic disease familial dysautonomia (FD). Reports indicating that it forms part of the RNA polymerase II transcription elongation complex suggest that this disease may be due to compromised transcription elongation. More recently, it was shown that IKAP associates with c-Jun N-terminal kinase (JNK) and could specifically enhance JNK activation induced by the upstream JNK activators MEKK1 and ASK1, indicating another possible cause for FD. At least two isoforms of IKAP are known to exist. Synonyms: Elongator complex protein 1, IKAP, IKK complex-associated protein, IkappaB kinase complex-associated protein, p150

Gene ID: 8518

UniProt: [O95163](#)

Application Details

Application Notes: ELISA. Western Blot: 0.5 to 1 µg/mL. Immunocytochemistry.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Buffer: PBS containing 0.02 % 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.

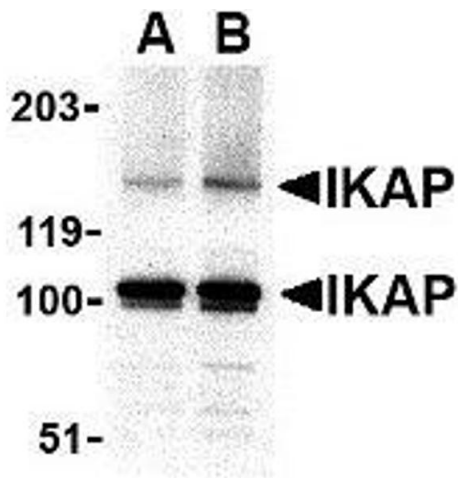
Storage: 4 °C

Storage Comment: Store the antibody undiluted at 2-8 °C.



Immunofluorescence

Image 1. Immunocytochemistry of IKAP in A-20 cells with AP30402PU-N IKAP antibody at 1 $\mu\text{g/ml}$.



Western Blotting

Image 2. Western blot analysis of IKAP in A-20 cell lysate with AP30402PU-N IKAP antibody at in (A) 0.5, and (B) 1 $\mu\text{g/ml}$.