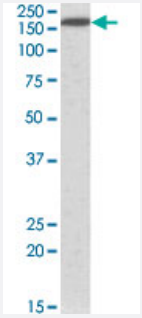
NFASC polyclonal antibody

Catalog # PAB19682 Size 100 ug

Applications



Western Blot (Tissue lysate)

NFASC polyclonal antibody (Cat # PAB19682) (0.5 ug/mL) staining of human lung lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of NFASC.
Immunogen	A synthetic peptide corresponding to amino acids 877-890 at internal region of human NFASC.
Sequence	C-NFSPNQTKFTVQRT
Host	Goat
Theoretical MW (kDa)	138
Reactivity	Human, Rat
Specificity	This antibody is expected to recognize reported isoforms 1, 2, 3 and 4 (NP_001005388.2;,NP_001153803.1, NP_001153804.1and NP_055905.2 resp).
Form	Liquid
Purification	Antigen affinity purification
Recommend Usage	Western Blot (0.5-2 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)

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Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Tissue lysate)

  NFASC polyclonal antibody (Cat # PAB19682) (0.5 ug/mL) staining of human lung lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Gene Info — NFASC

Entrez GeneID	23114
Protein Accession#	NP_001005388.2;NP_001153803.1;NP_001153804.1;NP_055905.2
Gene Name	NFASC
Gene Alias	DKFZp686P2250, FLJ46866, KIAA0756, NF, NRCAML
Gene Description	neurofascin homolog (chicken)
Omim ID	609145
Gene Ontology	Hyperlink
Gene Summary	This gene encodes an L1 family immunoglobulin cell adhesion molecule with multiple IGcam and f ibronectin domains. The protein functions in neurite outgrowth, neurite fasciculation, and organizat ion of the axon initial segment (AIS) and nodes of Ranvier on axons during early development. Bot h the AIS and nodes of Ranvier contain high densities of voltage-gated Na+ (Nav) channels which are clustered by interactions with cytoskeletal and scaffolding proteins including this protein, gliom edin, ankyrin 3 (ankyrin-G), and betaIV spectrin. This protein links the AIS extracellular matrix to th e intracellular cytoskeleton. This gene undergoes extensive alternative splicing, and the full-length nature of some variants has not been determined
Other Designations	OTTHUMP00000065305|OTTHUMP00000065306|OTTHUMP00000065307|OTTHUMP000000 65308|OTTHUMP00000065313|OTTHUMP00000065315|OTTHUMP00000065321|OTTHUMP0 0000065322|OTTHUMP00000065324|neurofascin

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Pathway

- Cell adhesion molecules (CAMs)

Disease

- Tobacco Use Disorder

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