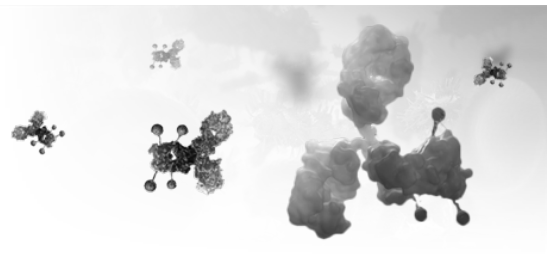

Anti-NFASC (aa 661-758) polyclonal antibody (DPAB-DC1050)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes an L1 family immunoglobulin cell adhesion molecule with multiple IGcam and fibronectin domains. The protein functions in neurite outgrowth, neurite fasciculation, and organization of the axon initial segment (AIS) and nodes of Ranvier on axons during early development. Both 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, gliomedin, ankyrin 3 (ankyrin-G), and betaIV spectrin. This protein links the AIS extracellular matrix to the intracellular cytoskeleton. This gene undergoes extensive alternative splicing, and the full-length nature of some variants has not been determined.[provided by RefSeq, May 2009]
Immunogen	NFASC (NP_001005388, 661 a.a. ~ 758 a.a) partial recombinant protein with GST tag. The sequence is KDDEPLYIGNRMKKEDDSLTIFGVAERDQGSYTCVASTELDQDLAKAYLTVLADQATPTNRLAALPKGRPDRPRDLELTDLAERSVRLTWIPGDANNS
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Cell lysate), WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	NFASC neurofascin [Homo sapiens (human)]

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Official Symbol	NFASC
Synonyms	NFASC; neurofascin; NF; NRCAML; neurofascin homolog;
Entrez Gene ID	23114
Protein Refseq	NP_001005388
UniProt ID	O94856
Chromosome Location	1q32.1
Pathway	Axon guidance; Developmental Biology; L1CAM interactions;
Function	protein binding; protein binding involved in heterotypic cell-cell adhesion;