ARG41147
anti-NF66 / alpha Internexin antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes NF66 / alpha Internexin
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, ICC/IF, IHC-P, IP, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	NF66 / alpha Internexin
Species	Human
Immunogen	Synthetic peptide derived from Human alpha Internexin.
Conjugation	Un-conjugated
Alternate Names	Neurofilament 5; Neurofilament-66; Alpha-Inx; NEF5; NF-66; Alpha-internexin; 66 kDa neurofilament protein; TXBP-1

Application Instructions

Application table

Application	Dilution
FACS	1:20
ICC/IF	1:50 - 1:200
IHC-P	1:50 - 1:200
IP	1:50
WB	1:500 - 1:2000

Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.
Positive Control	SH-SY5Y

Properties

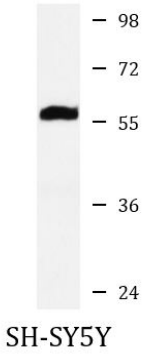
Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.4), 150 mM NaCl, 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw

	cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	INA
Gene Full Name	internexin neuronal intermediate filament protein, alpha
Background	Neurofilaments are type IV intermediate filament heteropolymers composed of light, medium, and heavy chains. Neurofilaments comprise the axoskeleton and they functionally maintain the neuronal caliber. They may also play a role in intracellular transport to axons and dendrites. This gene is a member of the intermediate filament family and is involved in the morphogenesis of neurons. [provided by RefSeq, Jun 2009]
Function	Class-IV neuronal intermediate filament that is able to self-assemble. It is involved in the morphogenesis of neurons. It may form an independent structural network without the involvement of other neurofilaments or it may cooperate with NF-L to form the filamentous backbone to which NF-M and NF-H attach to form the cross-bridges. [UniProt]
Calculated Mw	55 kDa
PTM	O-glycosylated. [UniProt]

Images



ARG41147 anti-NF66 / alpha Internexin antibody WB image

Western blot: SH-SY5Y cell lysate stained with ARG41147 anti-NF66 / alpha Internexin antibody.