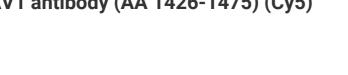
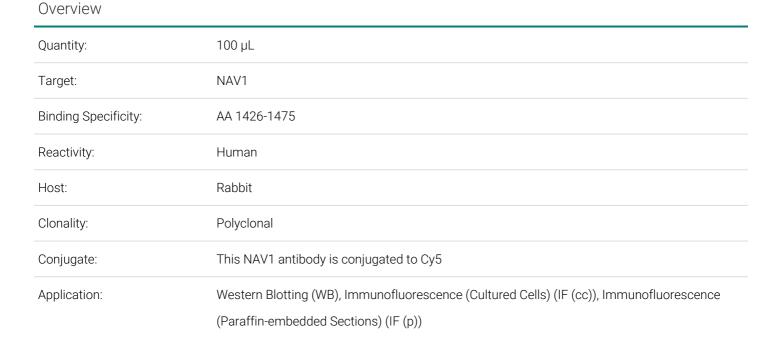
Datasheet for ABIN1409332 anti-NAV1 antibody (AA 1426-1475) (Cy5)





Product Details

Isotype: IgG	
Predicted Reactivity: Human,Mouse,Ra	at,Dog,Pig,Chicken
Purification: Purified by Protei	n A.

Target Details

Target:	NAV1
Alternative Name:	Neuron navigator 1 (NAV1 Products)
Background:	Synonyms: Nav 1, Nav1, POMFIL 3, POMFIL3, Pore membrane and/or filament interacting like

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protein 3, Protein Steerin 1, Protein Steerin 1, Steerin 1, Steerin 1, unc-53 homolog 1, DKFZp781D0314, FLJ12560, FLJ14203, mNav1, NAV1_HUMAN. Background: Neuron navigator 1 is a 1877 amino acid cytoplasmic protein that is involved in neuronal migration. Neuron navigtor 1 is widely expressed at low levels, though highest expression is found in both adult and fetal nervous tissue. Through interaction with tubulin, Neuron navigator 1 associates with a subset of mirotubule plus ends present in the growth cone. Overexpression of Neuron navigator 1 leads to microtubule bundling, whereas a reduction of its levels causes loss of directionality in the migration of pontine cell leading processes. There are seven isoforms of Neuron navigator 1 that are produced as a result of alternative splicing events.

Application Details

Application Notes:	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and
	50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be
	handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months

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