

NAV3 Rabbit pAb

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Catalog # AP54750

Product Information

Application	WB
Primary Accession	Q8IVL0
Reactivity	Mouse
Predicted	Rat, Human, Chicken, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	255648
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human NAV3
Epitope Specificity	301-400/2385
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Nucleus outer membrane.
DISEASE	Note=A chromosomal aberration disrupting NAV3 has been found in patients with Sezary syndrome. Translocation t(12;18)(q21;q21.2).
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	May regulate IL2 production by T-cells. May be involved in neuron regeneration.

Additional Information

Gene ID	89795
Other Names	Neuron navigator 3, Pore membrane and/or filament-interacting-like protein 1, Steerin-3, Unc-53 homolog 3, unc53H3, NAV3 {ECO:0000303 PubMed:12079279}
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

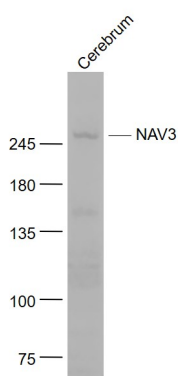
Name	NAV3 {ECO:0000303 PubMed:12079279}
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Function	Is involved in microtubule cytoskeleton organization and plays a role in cell migration (PubMed: 21471154 , PubMed: 38977784).
Cellular Location	Nucleus outer membrane {ECO:0000250 UniProtKB:Q80TN7}. Cytoplasm, cytoskeleton
Tissue Location	Present in activated T-cells but not in resting T- cells (at protein level) (PubMed:16166283). Highly expressed in brain (PubMed:12079279, PubMed:15158073). Expressed at low levels in heart and placenta (PubMed:15158073). Down-regulated in primary neuroblastoma (PubMed:12062803).

Background

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Images



Sample:
 Cerebrum (Mouse) Lysate at 40 ug
 Primary: Anti- NAV3 (AP54750) at 1/1000 dilution
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
 Predicted band size: 255 kD
 Observed band size: 255 kD

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.