



## Rabbit Anti-NAV3 antibody

SL12151R

<b>Product Name:</b>	NAV3
<b>Chinese Name:</b>	神经元引导蛋白3抗体
<b>Alias:</b>	KIAA0938; NAV 3; NAV3; NAV3_HUMAN; Neuron navigator 3; POMFIL1; Pore membrane and/or filament-interacting-like protein 1; Steerin 3; Steerin-3; STEERIN3; Unc 53 homolog 3; Unc-53 homolog 3; unc53H3.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Chicken,Horse,Sheep,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	255kDa
<b>Cellular localization:</b>	The nucleusThe cell membrane
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human NAV3:301-400/2385
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	<b>Function:</b> May regulate IL2 production by T-cells. May be involved in neuron regeneration.

**Subcellular Location:**

Nucleus outer membrane.

**Tissue Specificity:**

Highly expressed in brain. Expressed at low levels in heart and placenta. Present in activated T-cells but not in resting T-cells (at protein level). Down-regulated in primary neuroblastoma.

**DISEASE:**

Note=A chromosomal aberration disrupting NAV3 has been found in patients with Sezary syndrome. Translocation t(12;18)(q21;q21.2).

**Similarity:**

Sequence similarities; Belongs to the Nav/unc-53 family. Contains 1 CH (calponin-homology) domain.

**SWISS:**

Q8IVL0

**Gene ID:**

89795

**Database links:**

[Entrez Gene: 89795](#)Human

[Entrez Gene: 260315](#)Mouse

[Entrez Gene: 314814](#)Rat

[Omim: 611629](#)Human

[SwissProt: Q8IVL0](#)Human

[SwissProt: Q80TN7](#)Mouse

[Unigene: 655301](#)Human

[Unigene: 225050](#)Mouse

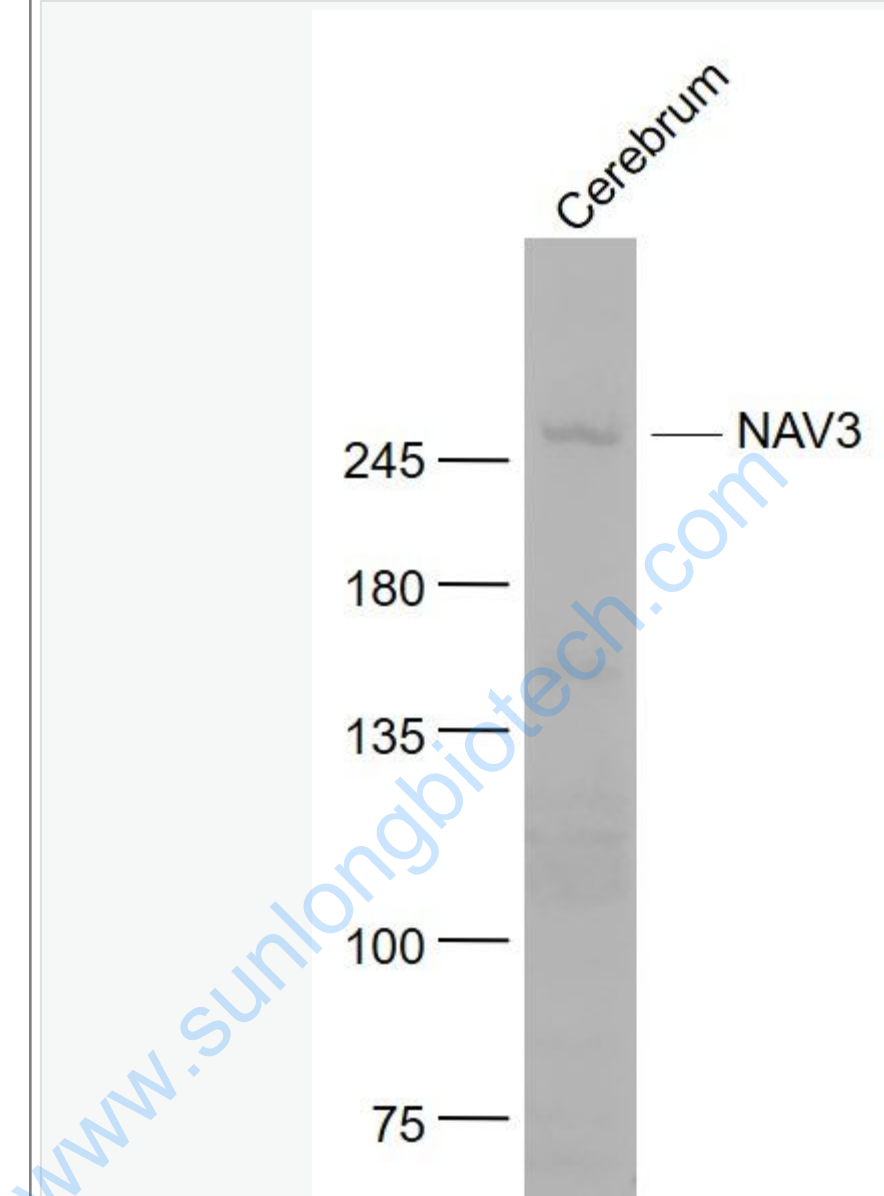
[Unigene: 394160](#)Mouse

[Unigene: 461280](#)Mouse

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:



Sample:

Cerebrum (Mouse) Lysate at 40 ug

Primary: Anti- NAV3 (SL12151R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 255 kD

	Observed band size: 255 kD
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