

Rabbit Anti-NAV3 antibody

SL12151R

Product Name	NAV3
Chinese Name	神经元引导蛋白 3 抗体
Alias	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.
Research Area	Cell biology Neurobiology
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Mouse(predicted:Human,Rat,Chicken,Horse,Sheep)
Applications	WB=1:500-2000 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Theoretical molecular weight	255kDa
Cellular localization	The nucleus The cell membrane
Form	Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human NAV3: 301-400/2385
Lsotype	IgG
Purification	affinity purified by Protein A
Buffer Solution	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Attention	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
PubMed	PubMed
Product Detail	May regulate IL2 production by T-cells. May be involved in neuron regeneration.

Function:

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

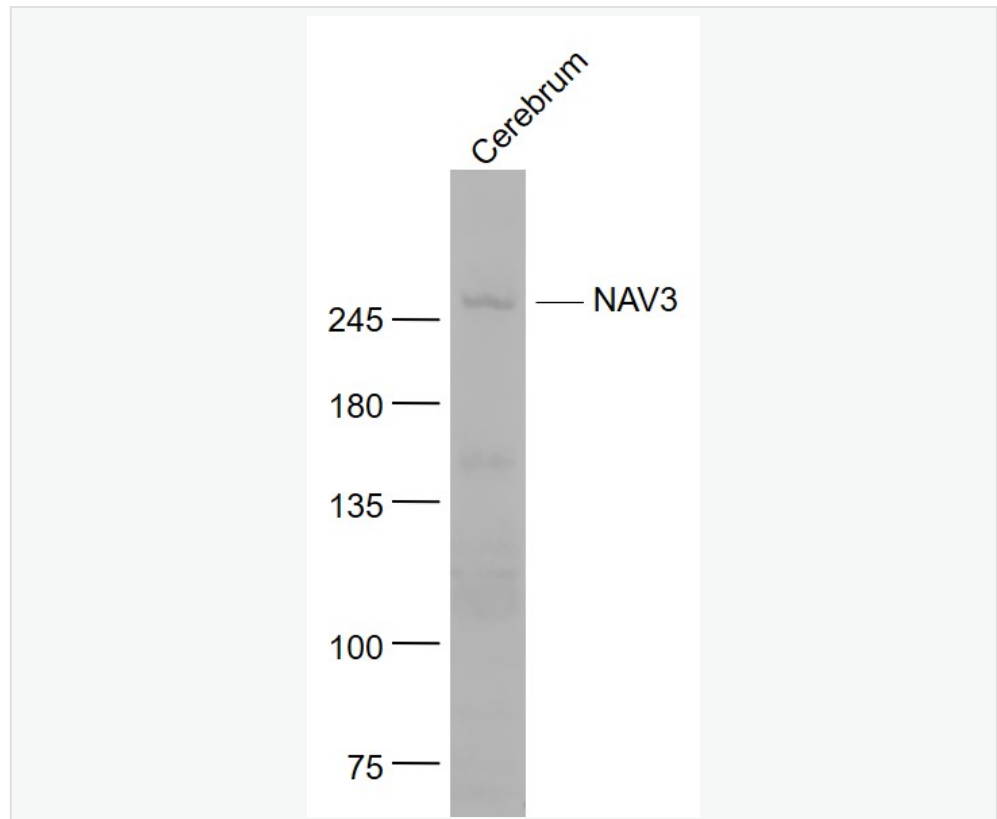
[Unigene: 655301](#) Human

[Unigene: 225050](#) Mouse

[Unigene: 394160](#) Mouse

[Unigene: 461280](#) Mouse

Product 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