

Neuron Navigator 2 Polyclonal Antibody

Catalog No :	YT3070
Reactivity :	Human
Applications :	IHC;IF;ELISA
Target :	Neuron Navigator 2
Gene Name :	NAV2
Protein Name :	Neuron navigator 2
Human Gene Id :	89797
Human Swiss Prot No :	Q8IVL1
Immunogen :	Synthesized peptide derived from Neuron Navigator 2 . at AA range: 2040-2120
Specificity :	Neuron Navigator 2 Polyclonal Antibody detects endogenous levels of Neuron Navigator 2 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	IHC 1:100 - 1:300. ELISA: 1:10000.. IF 1:50-200
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Molecularweight :	268kD
Background :	This gene encodes a member of the neuron navigator gene family, which may play a role in cellular growth and migration. Multiple transcript variants encoding

different isoforms have been found for this gene. [provided by RefSeq, Oct 2011],

Function :

alternative products:Additional isoforms may exist,caution:PubMed:15158073 experiments have been carried out in mouse.,caution:The sequence shown here is derived from an Ensembl automatic analysis pipeline and should be considered as preliminary data.,developmental stage:Highly expressed in the nervous system of developing embryos. Also expressed in fetal heart, liver and kidney.,function:Possesses 3' to 5' helicase activity and exonuclease activity. Involved in neuronal development, specifically in the development of different sensory organs.,induction:By all-trans retinoic acid (atRA). Up-regulated in colorectal carcinomas.,similarity:Belongs to the Nav/unc-53 family.,similarity:Contains 1 CH (calponin-homology) domain.,tissue specificity:Highly expressed in the brain, kidney and liver. Also expressed in the thyroid, mammary gland, spinal cord, heart, placenta and lung. Abundantly expr

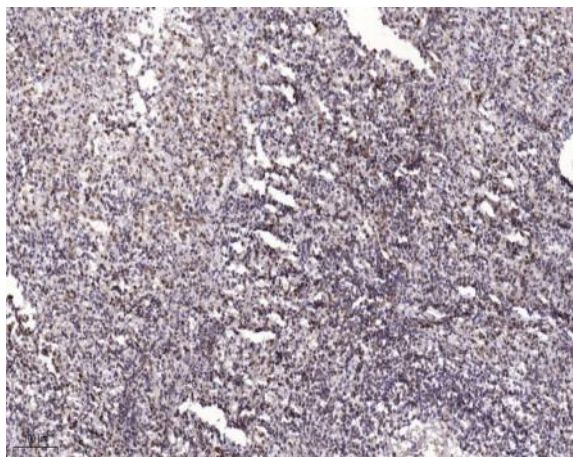
Subcellular Location :

Nucleus .

Expression :

Highly expressed in the brain, kidney and liver. Also expressed in the thyroid, mammary gland, spinal cord, heart, placenta and lung. Abundantly expressed in colon cancers.

Products Images



Immunohistochemical analysis of paraffin-embedded human spleen. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).