

## Neuron Navigator 2 Polyclonal Antibody

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

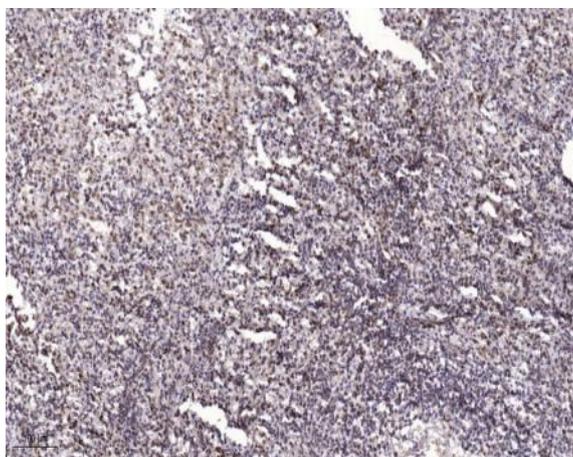
**Sort :** 10724

**No4 :** 1

**Host :** Rabbit

**Modifications :** Unmodified

## 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).