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Rabbit Anti-Neogenin antibody

SL20422R

Product Name:	Neogenin
Chinese Name:	神经细胞粘附蛋白NGN抗体
Alias:	NGN; Neo1; Neo 1; Neogenin; NEO1_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Cow,Sheep,
Applications:	ELISA=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.
Molecular weight:	156kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human Neogenin:1001-1100/1461<Extracellular>
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	Preservative: 15mM Sodium Azide, Constituents: 1% BSA, 0.01M PBS, pH 7.4
Storage:	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.
PubMed:	PubMed
Product Detail:	This gene encodes a cell surface protein that is a memberof the immunoglobulin superfamily. The encoded protein consists offour N-terminal immunoglobulin-like domains, six fibronectin typeIII domains, a transmembrane domain and a C-terminal internaldomain that shares homology with the tumor suppressor candidategene DCC. This protein may be involved in cell growth anddifferentiation and in cell-cell adhesion. Defects in this gene areassociated with cell proliferation in certain cancers.

	Alternatesplicing results in multiple transcript variants. [provided byRefSeq, Feb 2010]. **Function:** Neogenin is one of several netrin-binding proteins. Neogenin functions as an Repulsive Guidance Molecule (RGM) receptor; RGM is implicated in axonal guidance and neural tube closure. **Subunit:** Interacts with RGMA. Interacts with MYO10 **Subcellular Location:** Cell membrane; Single-pass type I membraneprotein. **Tissue Specificity:** Widely expressed and also in cancer celllines. **Similarity:** Belongs to the immunoglobulin superfamily. DCC family. Contains 6 fibronectin type-III domains. Contains 4 Ig-like C2-type (immunoglobulin-like)domains. **SWISS:** Q92859 **Gene ID:** 4756 **Database links:** Entrez Gene: 4756Human Entrez Gene: 18007Mouse Entrez Gene: 81735Rat Omim: 601907Human SwissProt: Q92859Human SwissProt: P97798Mouse SwissProt: P97603Rat Unigene: 388613Human Unigene: 42249Mouse

	Unigene: 10667Rat **Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.