

## NTN Polyclonal Antibody

<b>Catalog No :</b>	YT5649
<b>Reactivity :</b>	Human;Mouse
<b>Applications :</b>	WB;ELISA
<b>Target :</b>	NTN
<b>Gene Name :</b>	NRTN
<b>Protein Name :</b>	Neurturin
<b>Human Gene Id :</b>	4902
<b>Human Swiss Prot No :</b>	Q99748
<b>Mouse Gene Id :</b>	18188
<b>Mouse Swiss Prot No :</b>	P97463
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from the Internal region of human NRTN. AA range:111-160
<b>Specificity :</b>	NTN Polyclonal Antibody detects endogenous levels of NTN 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>	WB 1:500 - 1:2000. ELISA: 1:10000. Not yet tested in other applications.
<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)

---

**Observed Band :** 22kD

---

**Background :** neurturin(NRTN) Homo sapiens This gene encodes a secreted ligand of the TGF-beta (transforming growth factor-beta) superfamily of proteins. The encoded preproprotein is proteolytically processed to generate the mature protein. This protein signals through the RET receptor tyrosine kinase and a GPI-linked coreceptor, and promotes survival of neuronal populations. A neurturin mutation has been described in a family with Hirschsprung Disease. [provided by RefSeq, Aug 2016],

---

**Function :** disease:Defects in NRTN are a cause of Hirschsprung disease (HSCR) [MIM:142623]. In association with mutations of RET gene, and possibly with other loci, defects in NRTN are involved in Hirschsprung disease. This genetic disorder of neural crest development is characterized by the absence of intramural ganglion cells in the hindgut, often resulting in intestinal obstruction.,function:Supports the survival of sympathetic neurons in culture. May regulate the development and maintenance of the CNS. Might control the size of non-neuronal cell population such as haemopoietic cells.,similarity:Belongs to the TGF-beta family. GDNF subfamily.,subunit:Homodimer; disulfide-linked.,

---

**Subcellular Location :** Secreted.

---

**Expression :** Melanoma,Peripheral blood lymphocyte,

---

**Tag :** orthogonal

---

**Sort :** 10982

---

**No4 :** 1

---

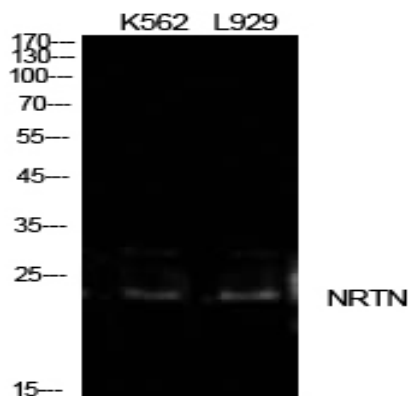
**Host :** Rabbit

---

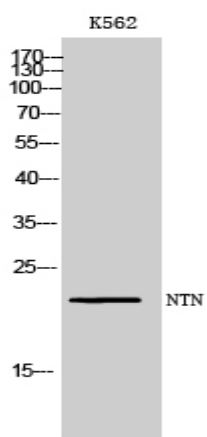
**Modifications :** Unmodified

---

**Products Images**



Western Blot analysis of K562, L929 cells using NTN Polyclonal Antibody. Antibody was diluted at 1:1000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Western Blot analysis of K562 cells using NTN Polyclonal Antibody diluted at 1:1000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000