

## NEEP21 Polyclonal Antibody

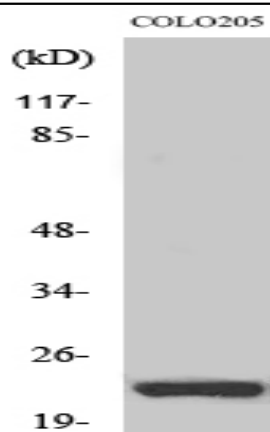
<b>Catalog No :</b>	YT3028
<b>Reactivity :</b>	Human;Mouse;Rat
<b>Applications :</b>	WB;IHC;IF;ELISA
<b>Target :</b>	NEEP21
<b>Gene Name :</b>	NSG1
<b>Protein Name :</b>	Neuron-specific protein family member 1
<b>Human Gene Id :</b>	27065
<b>Human Swiss Prot No :</b>	P42857
<b>Mouse Gene Id :</b>	18196
<b>Mouse Swiss Prot No :</b>	Q62092
<b>Rat Gene Id :</b>	25247
<b>Rat Swiss Prot No :</b>	P02683
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from human NSG1. AA range:112-161
<b>Specificity :</b>	NEEP21 Polyclonal Antibody detects endogenous levels of NEEP21 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. IHC 1:100 - 1:300. ELISA: 1:20000.. IF 1:50-200
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

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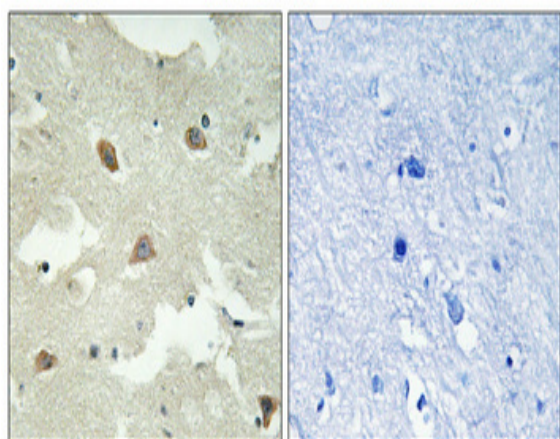
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Observed Band :</b>	26kD
<b>Background :</b>	similarity:Belongs to the NSG family.,
<b>Function :</b>	similarity:Belongs to the NSG family.,
<b>Subcellular Location :</b>	Membrane ; Single-pass type II membrane protein . Golgi apparatus, trans-Golgi network membrane . Endosome membrane . Cell projection, dendrite . Early endosome membrane . Late endosome membrane . Lysosome lumen . Recycling endosome membrane . Cytoplasmic vesicle membrane . Golgi apparatus, Golgi stack membrane . Endosome, multivesicular body membrane . Endoplasmic reticulum membrane . Endocytosed from the cell surface, thus enters into early endosomes, trafficks to late endosomes and degradates in lysosomes (By similarity). Endoplasmic reticulum targeting is essential for apoptosis (PubMed:20599942). Found in both stationary and motile endosomes. A previous study supports a type I membrane protein topology (By similarity). .
<b>Expression :</b>	Amygdala,Brain,Cerebellum,Testis,
<b>Sort :</b>	10661
<b>No4 :</b>	1
<b>Host :</b>	Rabbit
<b>Modifications :</b>	Unmodified

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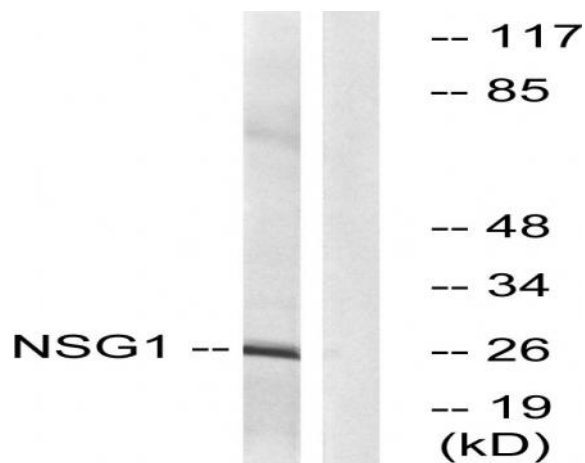
## Products Images



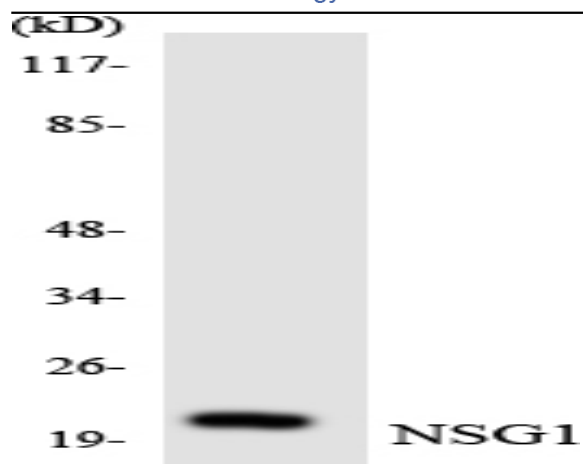
Western Blot analysis of various cells using NEEP21 Polyclonal Antibody diluted at 1:2000



Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100(4° overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative control (right) obtained from antibody was pre-absorbed by immunogen peptide.



Western blot analysis of lysates from COLO cells, using NSG1 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from K562 cells using NSG1 antibody.