SunLong Biotech Co.,LTD
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**[ Primary Antibody ]**

# Rabbit Anti-CTTNBP2NL antibody

**Catalog Number: SL14108R**

**FOR RESEARCH USE ONLY**

**[ DATASHEET ]**

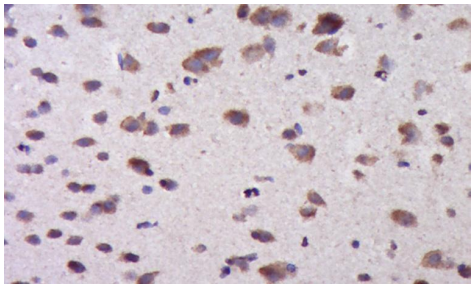
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|---|---|
| **Host:** | Rabbit |
| **Isotype:** | IgG |
| **Clonality:** | Polyclonal |
| **Target:** | CTTNBP2NL |
| **Immunogen:** | KLH conjugated synthetic peptide derived from human CTTNBP2NL: 5-110/639 |
| **Purification:** | affinity purified by Protein A |
| **Concentration:** | 1mg/ml |
| **Storage:** | 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. |
| **Applications:** | IHC-P=1:100-500<br>IHC-F=1:100-500<br>IF=1:100-500 （Paraffin sections need antigen repair）<br>not yet tested in other applications.<br>optimal dilutions/concentrations should be determined by the end user. |
| **Reactivity:** | Rat(predicted:Human,Mouse,Chicken,Pig,Cow,Horse,Rabbit) |
| **Predicted MW.:** | 70kDa |
| **Subcellular Location:** | cytoplasmic |
| **Background:** | CTTNBP2NL is a 639 amino acid protein that is encoded by a gene that maps to human chromosome 1p13.2. Chromosome 1 is the largest human chromosome spanning about 260 million base pairs and making up 8% of the human genome. There are about 3,000 genes on chromosome 1, and considering the great number of genes there are also a large number of diseases associated with chromosome 1.<br>Notably, the rare aging disease Hutchinson-Gilford progeria is associated with the LMNA gene which encodes lamin A. When defective, the LMNA gene product can build up in the nucleus and cause characteristic nuclear blebs. The mechanism of rapidly enhanced aging is unclear and is a topic of continuing exploration.<br>The MUTYH gene is located on chromosome 1 and is partially responsible for |

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| | familial adenomatous polyposis. Stickler syndrome, Parkinsons, Gaucher disease and Usher syndrome are also associated with chromosome 1.<br>**Database links:**<br>**Entrez Gene:** 55917 Human<br>**Entrez Gene:** 80281 Mouse<br>**Entrez Gene:** 310760 Rat<br>**SwissProt:** Q9P2B4 Human<br>**SwissProt:** Q99LJ0 Mouse<br>**SwissProt:** D4A8X8 Rat<br>**Unigene:** 725947 Human<br>**Unigene:** 200327 Mouse |

## [ VALIDATION IMAGES ]



Paraformaldehyde-fixed, paraffin embedded (Rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CTTNBP2NL) Polyclonal Antibody, Unconjugated (SL14108R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

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