10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

TTLL13 Antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI15991

Specification

TTLL13 Antibody - C-terminal region - Product Information

Application	**WB**
Primary Accession	A6NNM8
Other Accession	NM_001029964, NP_001025135
Reactivity	**Human, Mouse, Rat, Rabbit, Horse, Guinea Pig, Dog**
Predicted	**Human, Mouse, Rat, Rabbit, Pig, Horse, Guinea Pig, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**89kDa KDa**

TTLL13 Antibody - C-terminal region - Additional Information

Other Names
Tubulin polyglutamylase TTLL13, 6.-.-.-, Tubulin--tyrosine ligase-like protein 13, TTLL13 {ECO:0000312|Ensembl:ENSP00000345294}

Format
Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage
Add 50 &mu, l of distilled water. Final Anti- antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles.

Precautions
TTLL13 Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

TTLL13 Antibody - C-terminal region - Protein Information

Name TTLL13 (HGNC:32484)

Synonyms TTLL13P

Function
Polyglutamylase which modifies tubulin, generating polyglutamate side chains of variable lengths on the gamma-carboxyl group of specific glutamate residues within the C-terminal tail of tubulin. Mediates ATP-dependent polyglutamate side-chain elongation of the polyglutamylation reaction but not the initiation step. Preferentially modifies the alpha-tubulin tail over a beta-tail.

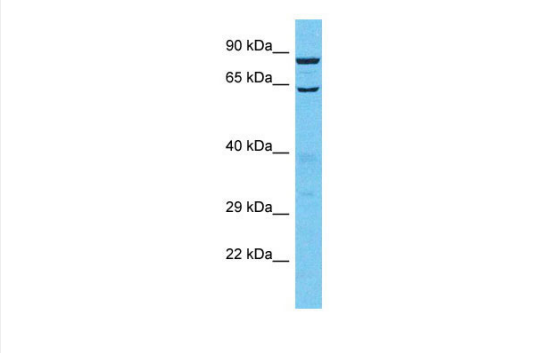
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TTLL13 Antibody - C-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

TTLL13 Antibody - C-terminal region - Images



Host: Rabbit
Target Name: TTLL13
Sample Tissue: 721_B Whole cell lysate
s
Antibody Dilution: 1.0µg/ml

TTLL13 Antibody - C-terminal region - Background

Polyglutamylase which preferentially modifies alpha- tubulin. Involved in the side-chain elongation step of the polyglutamylation reaction rather than in the initiation step (By similarity).

TTLL13 Antibody - C-terminal region - References

Ota T.,et al.Nat. Genet. 36:40-45(2004).
Zody M.C.,et al.Nature 440:671-675(2006).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.