



Product datasheet

Anti-TTLL7 antibody ab185465

1 Image

Overview

Product name	Anti-TTLL7 antibody
Description	Rabbit polyclonal to TTLL7
Host species	Rabbit
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Human
Immunogen	<p>Recombinant fragment corresponding to Human TTLL7 aa 568-638. Sequence:</p> <p>EEYQNKKKREKQVTYNLKPSTNHYKLIQQPSSIRRSVSCP RSISAQSPSSGD TRPFSAAQMMISVSRPTSASRS</p> <p>Database link: Q6ZT98</p> <p style="text-align: right;">  Run BLAST with  Run BLAST with </p>
Positive control	Human cerebellum tissue.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	<p>pH: 7.2 Preservative: 0.02% Sodium azide Constituents: 59% PBS, 40% Glycerol</p>
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab185465** in the following tested applications.

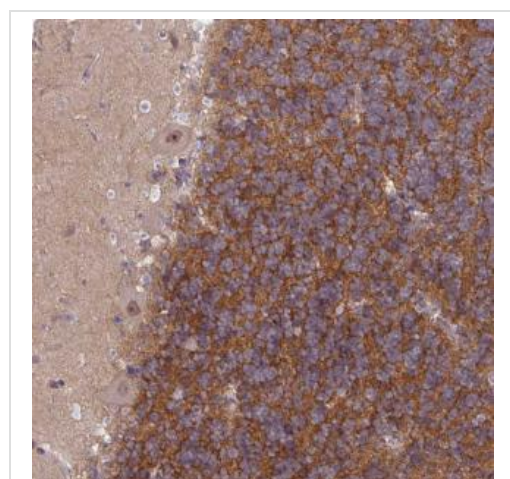
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/200 - 1/500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Target

Function	Polyglutamylase which preferentially modifies beta-tubulin. Involved in the side-chain initiation step of the polyglutamylation reaction rather than in the elongation step. Required for neurite growth.
Tissue specificity	Highly expressed in the nervous system including spinal cord, thalamus, hippocampus, hypothalamus and cerebellum.
Sequence similarities	Belongs to the tubulin-tyrosine ligase family. Contains 1 TTL domain.
Cellular localization	Cell projection > cilium. Cytoplasm > cytoskeleton > cilium basal body. Cell projection > dendrite. Perikaryon. In cells with primary cilia, found in both cilia and basal bodies. In neuronal cells, found in dendrites and perikaryon.

Images



Immunohistochemical analysis of paraffin-embedded Human cerebellum tissue labeling TTLL7 with ab185465 at 1/200 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TTLL7 antibody (ab185465)

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