

**TTLL6 polyclonal antibody**

Catalog: BS35914

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Tubulin polyglutamylase TTLL6: Polyglutamylase which modifies both tubulin and non-tubulin proteins, generating alpha-linked polyglutamate side chains on the gamma-carboxyl group of specific glutamate residues of target proteins. Preferentially mediates ATP-dependent long polyglutamate chain elongation over the initiation step of the polyglutamylation reaction. Preferentially modifies the alpha-tubulin tail over a beta-tail. Promotes tubulin polyglutamylation which stimulates spastin/SPAST-mediated microtubule severing, thereby regulating microtubule functions. Mediates microtubule polyglutamylation in primary cilia axoneme, which is important for ciliary structural formation and motility. Mediates microtubule polyglutamylation in motile cilia, necessary for the regulation of ciliary coordinated beating. Polyglutamylates non-tubulin protein nucleotidyl-transferase CGAS, leading to CGAS DNA-binding inhibition, thereb...

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~101 kDa

Swiss-Prot:

Q8N841

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000)

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of TTLL6 protein

DATA:

Western blot analysis of HRG expression in mouse pancreas (A) whole cell lysates.

Note:

For research use only, not for use in diagnostic procedure.

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