

Product datasheet

Munc18-1 overexpression 293T lysate (whole cell)
 ab94272

2 Images

Overview

Product name	Munc18-1 overexpression 293T lysate (whole cell)
General notes	ab94272 is a 293T cell transfected lysate in which Human Munc18 has been transiently over-expressed using a pCMV-Munc18 plasmid. The lysate is provided in 1X Sample Buffer. Note: For more detailed how the transfected lysate was prepared view preparation notes
Tested applications	Suitable for: WB

Properties

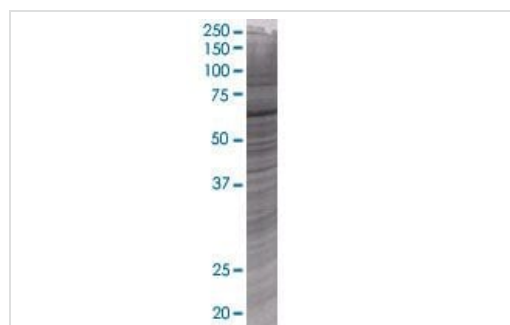
Mycoplasma free	Yes
Form	Liquid
Storage instructions	Shipped on dry ice. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Constituents: 0.01% Bromophenol blue, 2.3% Beta mercaptoethanol, 2% Sodium lauryl sulfate, 0.788% Tris HCl, 10% Glycerol (glycerin, glycerine)
Background	Function: May participate in the regulation of synaptic vesicle docking and fusion, possibly through interaction with GTP-binding proteins. Essential for neurotransmission and binds syntaxin, a component of the synaptic vesicle fusion machinery probably in a 1:1 ratio. Can interact with syntaxins 1, 2, and 3 but not syntaxin 4. May play a role in determining the specificity of intracellular fusion reactions. Tissue specificity: Brain and spinal cord. Highly enriched in axons. Disease: Defects in STXBP1 are the cause of epileptic encephalopathy early infantile type 4 (EIEE4) [MIM:612164]. Affected individuals have neonatal or infantile onset of seizures, suppression-burst pattern on EEG, profound mental retardation, and MRI evidence of hypomyelination. Similarity: Belongs to the STXBP/unc-18/SEC1 family.

Applications

Our [Abpromise guarantee](#) covers the use of **ab94272** in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

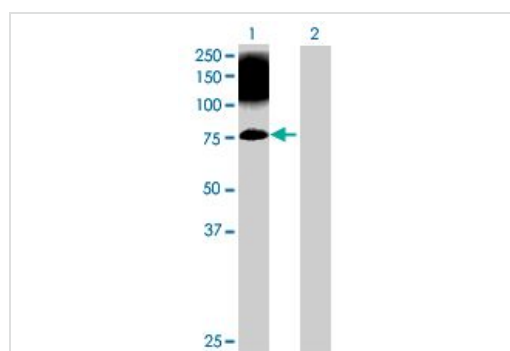
Application	Abreviews	Notes
WB		Use at an assay dependent dilution.

Images



SDS-PAGE - Munc18-1 overexpression 293T lysate (whole cell) (ab94272)

ab94272 at 15µg/lane on an SDS-PAGE gel.



Western blot - Munc18-1 overexpression 293T lysate (whole cell) (ab94272)

All lanes : Anti-Munc18-1 antibody (ab57847) at 1/500 dilution

Lane 1 : Munc18-1 overexpression 293T lysate (whole cell) (ab94272)

Lane 2 : 293T non-transfected lysate

Lysates/proteins at 25 µg per lane.

Secondary

All lanes : Goat Anti-mouse IgG (H and L) HRP conjugated at 1/2500 dilution

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