


Product datasheet

Anti-LZTS1/FEZ1 antibody ab127035

2 Images

Overview

Product name	Anti-LZTS1/FEZ1 antibody
Description	Rabbit polyclonal to LZTS1/FEZ1
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat, Cow 
Immunogen	Recombinant fragment corresponding to Human LZTS1/FEZ1 aa 315-585. Database link: Q9Y250
Positive control	U87-MG cell lysate; breast cancer tissue
General notes	This product was previously labelled as LZTS1

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 1.21% Tris, 0.75% Glycine, 20% Glycerol
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab127035** in the following tested applications.

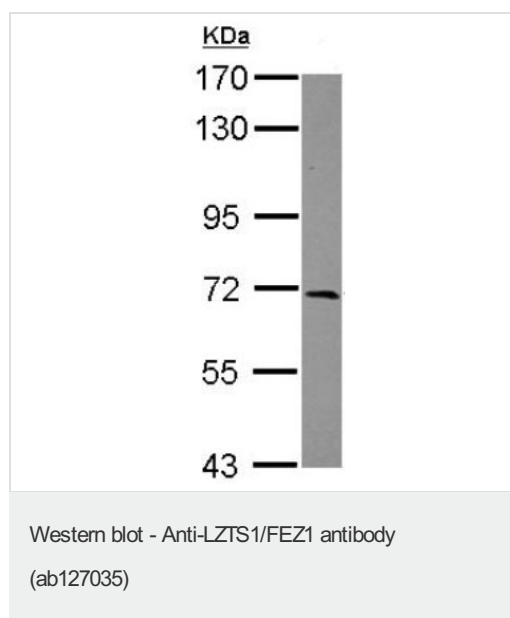
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/3000. Predicted molecular weight: 67 kDa.
IHC-P		1/100 - 1/500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Target

Function	Involved in the regulation of cell growth. May stabilize the active CDC2-cyclin B1 complex and thereby contribute to the regulation of the cell cycle and the prevention of uncontrolled cell proliferation. May act as a tumor suppressor.
Tissue specificity	Highly expressed in testis, prostate, spleen, thymus, ovary and brain. Detected at lower levels in heart, placenta, small intestine, colon, liver, kidney, skeletal muscle and pancreas. Not detectable in primary tumors from breast and prostate and in many cancer cell lines.
Sequence similarities	Belongs to the LZTS family.
Post-translational modifications	Phosphorylated on serine residues. Hyperphosphorylated by the cAMP-dependent kinase PKA during cell-cycle progression.
Cellular localization	Cytoplasm. Cell membrane. Cell projection > dendritic spine. Cell junction > synapse > postsynaptic cell membrane > postsynaptic density. Cell junction > synapse. Associated with the plasma membrane and with microtubules. Detected in dendritic spines, especially in the postsynaptic density.

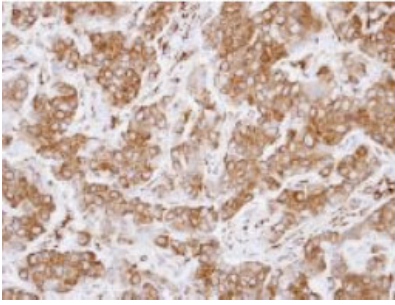
Images



Anti-LZTS1/FEZ1 antibody (ab127035) at 1/1000 dilution + U87-MG whole cell lysate at 30 µg

Predicted band size: 67 kDa

7.5% SDS PAGE



ab127035, at 1/250 dilution, staining LZTS1/FEZ1 in paraffin embedded Human breast cancer tissue.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-LZTS1/FEZ1 antibody (ab127035)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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