

Product datasheet

Anti-TWF1 antibody ab55634

1 Image

Overview

Product name	Anti-TWF1 antibody
Description	Mouse monoclonal to TWF1
Host species	Mouse
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment, corresponding to amino acids 80-252 of Human PTK9

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	Preservative: None PBS, pH 7.2
Purity	Protein G purified
Clonality	Monoclonal
Isotype	IgG2a
Light chain type	kappa

Applications

Our [Abpromise guarantee](#) covers the use of **ab55634** in the following tested applications.

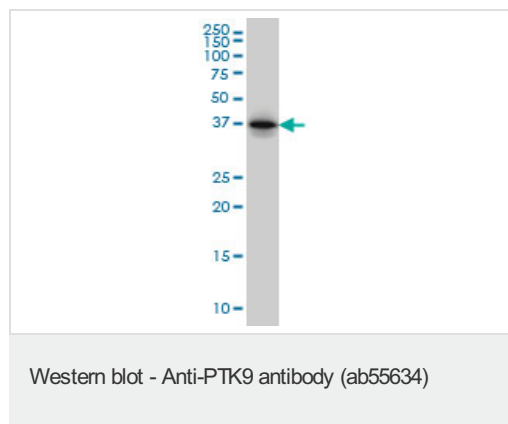
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1 - 5 µg/ml. Predicted molecular weight: 42 kDa.

Target

Function	Actin-binding protein involved in motile and morphological processes. Inhibits actin polymerization, likely by sequestering G-actin. By capping the barbed ends of filaments, it also regulates motility. Seems to play an important role in clathrin-mediated endocytosis and distribution of endocytic organelles.
Tissue specificity	Expressed at high levels in the colon, testis, ovary, prostate and lung. Expressed at lower levels in the brain, bladder and heart. Not detected in liver.
Sequence similarities	Belongs to the actin-binding proteins ADF family. Twinfilin subfamily. Contains 2 ADF-H domains.
Post-translational modifications	Phosphorylated on serine and threonine residues.
Cellular localization	Cytoplasm. Cytoplasm > cytoskeleton. Diffuse cytoplasmic localization with perinuclear and G-actin-rich cortical actin structures sublocalization. Also found at membrane ruffles and cell-cell contacts.

Images



PTK9 antibody (ab55634) at 1ug/lane + HeLa cell lysate at 25ug/lane.

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