

Product datasheet

Anti-PGEA1 antibody ab57020

1 Image

Overview

Product name	Anti-PGEA1 antibody
Description	Mouse monoclonal to PGEA1
Host species	Mouse
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment, corresponding to amino acids 18-127 of Human PGEA1

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	IgG1
Light chain type	kappa

Applications

Our [Abpromise guarantee](#) covers the use of **ab57020** in the following tested applications.

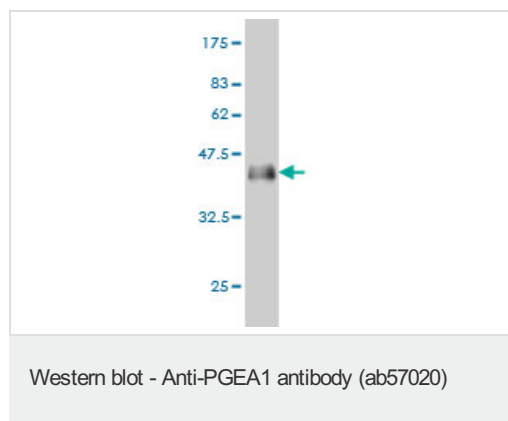
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1 - 5 µg/ml. This antibody has only been tested in WB against the recombinant fragment used as immunogen. We have no data on the detection of endogenous protein.

Target

Function	Inhibits the Wnt/Wingless pathway by binding to beta-catenin and inhibiting beta-catenin-mediated transcriptional activation through competition with TCF/LEF transcription factors. Has also been shown to play a role in regulating the intracellular trafficking of polycystin-2/PKD2 and possibly of other intracellular proteins. Promotes adipocyte and cardiomyocyte differentiation.
Tissue specificity	Widely expressed. Expressed at higher levels in heart, skeletal muscle, kidney and placenta. Also found in brain, lung, liver and testis. Significantly down-regulated in thyroid and metastatic uterine tumors.
Sequence similarities	Belongs to the chibby family.
Cellular localization	Nucleus speckle. Golgi apparatus, trans-Golgi network. Nuclear, in a punctate manner. Also found in the trans-Golgi.

Images



Western blot against tagged recombinant protein immunogen using ab57020 PGEA1 antibody at 1ug/ml. Predicted band size of immunogen is 36 kDa

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