

Product datasheet

Anti-GPR177/WLS antibody ab72385

1 References 2 Images

Overview

<b>Product name</b>	Anti-GPR177/WLS antibody
<b>Description</b>	Chicken polyclonal to GPR177/WLS
<b>Host species</b>	Chicken
<b>Tested applications</b>	<b>Suitable for:</b> ICC/IF, WB
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Rat, Human
<b>Immunogen</b>	Synthetic peptide corresponding to Human GPR177/WLS aa 524-541 (C terminal). Sequence: HVDGPTEIMKLRKEAGE  <a href="#">Run BLAST with</a> <a href="#">Run BLAST with</a>
<b>Positive control</b>	HEK293 cell lysate transfected with GPR177/WLS-GFP. This antibody gave a positive result when used in the following formaldehyde fixed cell lines: SKNSH.
<b>General notes</b>	This product was previously labelled as GPR177

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: 0.02% Sodium azide Constituent: PBS
<b>Purity</b>	Protein L purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgY

Applications

Our [Abpromise guarantee](#) covers the use of **ab72385** 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
ICC/IF		Use a concentration of 10 µg/ml.
WB		1/2000 - 1/5000. Detects a band of approximately 62 kDa (predicted molecular weight: 62 kDa).

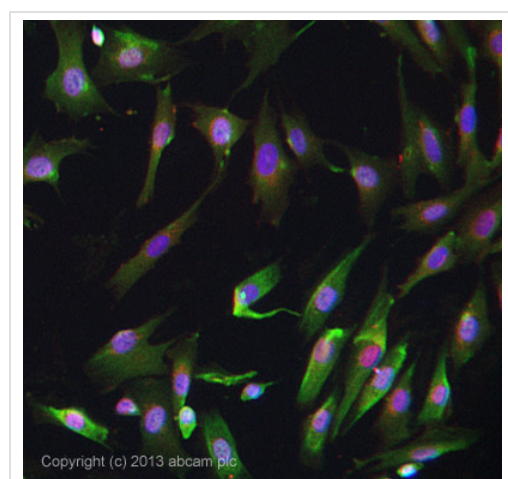
## Target

**Function** Regulates Wnt proteins sorting and secretion in a feedback regulatory mechanism. This reciprocal interaction plays a key role in the regulation of expression, subcellular location, binding and organelle-specific association of Wnt proteins. Plays also an important role in establishment of the anterior-posterior body axis formation during development.

**Sequence similarities** Belongs to the wntless family.

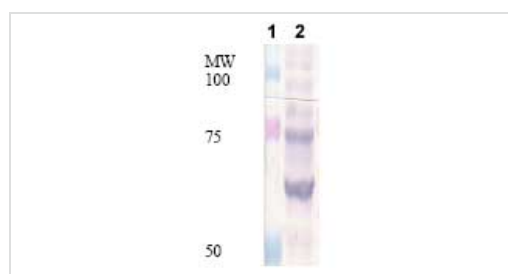
**Cellular localization** Golgi apparatus membrane. Cytoplasmic vesicle membrane.

## Images



ICC/IF image of ab72385 stained SKNSH cells. The cells were 4% formaldehyde fixed (10 min) and then incubated in 1%BSA / 10% normal goat serum / 0.3M glycine in 0.1% PBS-Tween for 1h to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody ab72385 at 10µg/ml overnight at +4°C. The secondary antibody (green) was DyLight® 488 goat anti- chicken (ab96947) IgY (H+L) used at a 1/250 dilution for 1h. Alexa Fluor® 594 WGA was used to label plasma membranes (red) at a 1/200 dilution for 1h. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43µM.

Immunocytochemistry/ Immunofluorescence - Anti-GPR177/WLS antibody (ab72385)



Western blot - Anti-GPR177/WLS antibody (ab72385)

**All lanes :** Anti-GPR177/WLS antibody (ab72385) at 1/2000 dilution

**Lane 1 :** Molecular weight markers

**Lane 2 :** HEK293 cell lysate transfected with GPR177/WLS-GFP

**Predicted band size:** 62 kDa

**Observed band size:** 62 kDa

The HEK293 cell protein lysate contains both transfected GPR177/WLS-GFP fusion protein (75 kDa) and endogenous GPR177/WLS protein (~62 kDa).

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

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