

Product datasheet

Anti-G protein beta 4 antibody ab106599

[2 Images](#)

Overview

Product name	Anti-G protein beta 4 antibody
Description	Rabbit polyclonal to G protein beta 4
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat, Rabbit, Horse, Chicken, Guinea pig, Cow, Cat, Dog, Zebrafish
Immunogen	Synthetic peptide corresponding to a region within internal sequence amino acids 215-264 (DGMCRQSFTG HVSDINAVSF FPNGYAFATG SDDATCRLFD LRADQELLY) of Human G protein beta 4 (NP_067642). Run BLAST with ExPASy Run BLAST with NCBI
Positive control	HCT15 cell lysate

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
Storage buffer	Preservative: None Constituents: 2% Sucrose, PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab106599** 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 µg/ml. Predicted molecular weight: 38 kDa. Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.

Target

Function

Guanine nucleotide-binding proteins (G proteins) are involved as a modulator or transducer in various transmembrane signaling systems. The beta and gamma chains are required for the GTPase activity, for replacement of GDP by GTP, and for G protein-effector interaction.

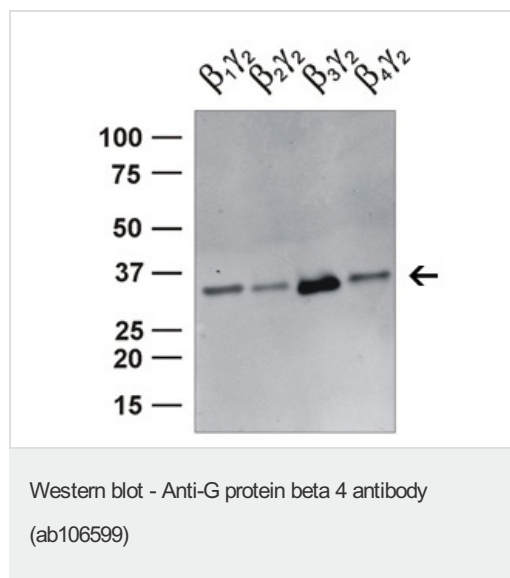
Tissue specificity

Strongly expressed in lung and placenta, whereas it is weakly expressed in brain and heart.

Sequence similarities

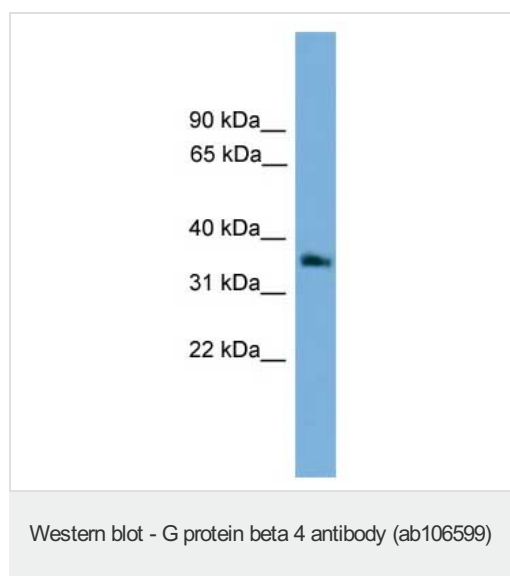
Belongs to the WD repeat G protein beta family.
Contains 7 WD repeats.

Images



Predicted band size : 38 kDa

Western blot analysis of HEK293 cell lysate labeling G protein beta 4 with ab106599.



Anti-G protein beta 4 antibody (ab106599) at 1 µg/ml + HCT15 cell lysate at 10 µg

Predicted band size : 38 kDa

Gel concentration: 12%

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