abcam

Product datasheet

Anti-RHCG antibody ab106837

1 Image

Overview

Product name Anti-RHCG antibody

Description Goat polyclonal to RHCG

Host species Goat

Tested applications Suitable for: WB

Species reactivity Reacts with: Human

Immunogen Synthetic peptide:

ERQNSVYQSD

by a Cysteine residue linker, corresponding to internal sequence amino acids 209-218 of Human

RHCG (NP 057405.1).

Run BLAST with
Run BLAST with

Positive control Human testis tissue lysate.

General notesThe Life Science industry has been in the grips of a reproducibility crisis for a number of years.

Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets

your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be

found below, along with publications, customer reviews and Q&As

Properties

Form Liquid

Storage instructions Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.

Storage buffer pH: 7.30

Preservative: 0.02% Sodium azide

Constituents: Tris buffered saline, 0.5% BSA

Purity Immunogen affinity purified

Purification notes Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity

chromatography using the immunizing peptide.

Clonality Polyclonal

Isotype IgG

1

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab106837 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 - 3 μg/ml. Predicted molecular weight: 53 kDa. 1 hour primary incubation is recommended for this product.

Target

Function Functions as an electroneutral and bidirectional ammonium transporter. May regulate

transepithelial ammonia secretion.

Tissue specificity Expressed in brain, testis, placenta, pancreas, esophagus and prostate. Expressed in squamous

epithelial tissues (at protein level). According to PubMed:11062476, specifically expressed in

kidney.

Sequence similaritiesBelongs to the ammonium transporter (TC 2.A.49) family. Rh subfamily.

Developmental stage Specifically expressed in fetal kidney.

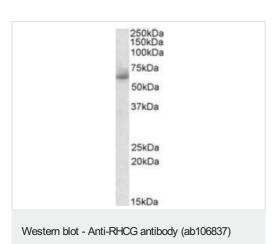
Post-translational

modifications

N-glycosylated.

Cellular localization Apical cell membrane. Also detected at the basolateral membrane and in subapical vesicles.

Images



Anti-RHCG antibody (ab106837) at 1 μ g/ml + Human Testis lysate

in RIPA buffer. at 35 µg

Predicted band size: 53 kDa

Primary incubation was 1 hour. Detected by chemiluminescence

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

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