



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 notes	<p>The 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.</p> <p>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</p>

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

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 similarities

Belongs 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 µg/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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