

## Product datasheet

### Anti-GNAQ antibody ab128060

[6 References](#) [2 Images](#)

#### Overview

<b>Product name</b>	Anti-GNAQ antibody
<b>Description</b>	Goat polyclonal to GNAQ
<b>Host species</b>	Goat
<b>Tested applications</b>	<b>Suitable for:</b> WB, IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Rat, Human <b>Predicted to work with:</b> Hamster, Cow, Dog, Pig, Monkey, a wide range of other species



<b>Immunogen</b>	Synthetic peptide: NDLDRVADPAYLPT with a Cysteine residue linker, corresponding to internal sequence amino acids 162-175 of Human GNAQ.
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[Run BLAST with](#)



[Run BLAST with](#)

<b>General notes</b>	<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&amp;As</p>
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#### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
<b>Storage buffer</b>	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 99% Tris buffered saline, 0.5% BSA
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

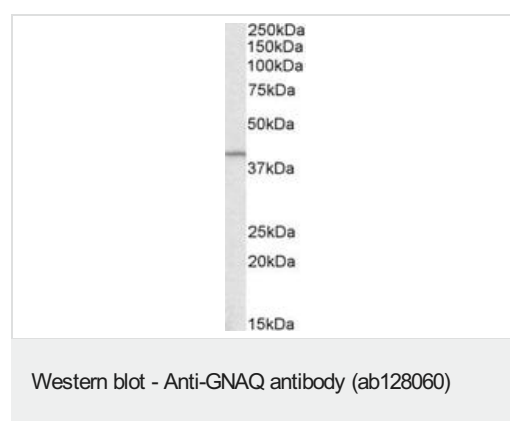
**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab128060 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 0.1 - 0.3 µg/ml. Detects a band of approximately 38-40 kDa (predicted molecular weight: 42 kDa).
IHC-P		Use a concentration of 5 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

## Target

<b>Function</b>	Guanine nucleotide-binding proteins (G proteins) are involved as modulators or transducers in various transmembrane signaling systems.
<b>Tissue specificity</b>	Predominantly expressed in ovary, prostate, testis and colon.
<b>Sequence similarities</b>	Belongs to the G-alpha family. G(q) subfamily.

## Images



Anti-GNAQ antibody (ab128060) at 0.1 µg/ml + Rat Testis lysate (in RIPA buffer) at 35 µg

Developed using the ECL technique.

**Predicted band size:** 42 kDa



ab128060, at 5 µg/ml, staining GNAQ in paraffin-embedded Human kidney tissue by Immunohistochemistry.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GNAQ antibody (ab128060)

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

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