

Datasheet for ABIN1048769

**anti-G Protein-Coupled Receptor 182 antibody (N-Term)****3** Images[Go to Product page](#)

## Overview

Quantity:	50 µg
Target:	G Protein-Coupled Receptor 182 (GPR182)
Binding Specificity:	N-Term
Reactivity:	Human, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (IHC), Immunocytochemistry (ICC)

## Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic 16 amino acid peptide from N-terminal extracellular domain of human GPR182 / ADMR. Percent identity with other species by BLAST analysis: Human, Gorilla, Marmoset (100%), Gibbon (94%), Monkey (88%).  Type of Immunogen: Synthetic peptide
Specificity:	Human GPR182 / ADMR. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Predicted Reactivity:	Percent identity with other species by BLAST analysis: Human, Gorilla, Marmoset (100%) Gibbon (94%) Monkey (88%).
Purification:	Immunoaffinity purified

## Target Details

Target:	G Protein-Coupled Receptor 182 (GPR182)
Alternative Name:	GPR182 / ADMR ( <a href="#">GPR182 Products</a> )
Background:	Name/Gene ID: GPR182 Subfamily: Orphan-A Family: GPCR  Synonyms: GPR182, 7TMR, Adrenomedullin L1 receptor, AM-R, AMR, ADMR, Adrenomedullin receptor, G protein-coupled receptor 182, HrhAMR, G-protein coupled receptor 182, Gamrh, HAMR, RAMR, G10D
Gene ID:	11318

## Application Details

Application Notes:	Approved: ICC (8.5 - 17 µg/mL), IHC, IHC-P (17 µg/mL), WB
Comment:	Target Species of Antibody: Human
Assay Procedure:	<b>The IHC-pro Immunohistochemistry Protocol</b>  <b>Tissue Preparation</b> Formalin fixation and embedding in paraffin wax  <b>Tissue Sectioning</b> Make 4-µm sections and place on pre-cleaned and charged microscope slides. Heat in a tissue-drying oven for 45 minutes at 60°C Deparaffinization Wash slides in 3 changes of xylene – 5 minutes each at room temperature.  <b>Rehydration</b> Wash slides in 3 changes of 100% alcohol – 3 minutes each at room temperature. Wash slides in 2 changes of 95% alcohol – 3 minutes each at room temperature. Wash slides in 1 change of 80% alcohol – 3 minutes at room temperature. Rinse slides in gentle running distilled water – 5 minutes at room temperature.  <b>Antigen retrieval</b> Steam slides in 0.01 M sodium citrate buffer, pH 6.0 at 99-100°C - 20 minutes

Remove from heat and let stand at room temperature in buffer - 20 minutes

Rinse in 1X TBS with Tween (TBST) – 1 minute at room temperature.

### Immunostaining

Do not allow tissues to dry at any time during the staining procedure.

Apply a universal protein block – 20 minutes at room temperature.

Drain protein block from slides, apply diluted primary antibody – 45 minutes at room temperature.

Rinse slides in 1X TBST - 1 minute at room temperature.

Apply a biotinylated secondary antibody (specific to the host of the primary antibody) - 30 minutes at room temperature.

Rinse slides 1X TBST – 1 minute at room temperature.

Apply alkaline phosphatase streptavidin – 30 minutes at room temperature.

Rinse slides in 1X TBST - 1 minute at room temperature.

Apply alkaline phosphatase chromogen substrate – 30 minutes at room temperature.

Wash slides in distilled water – 1 minute at room temperature.

### Dehydrate

This method should only be used if the chromogen substrate is alcohol insoluble.

Wash slides in 2 changes of 80% alcohol – 1 minute each at room temperature.

Wash slides in 2 changes of 95% alcohol – 1 minute each at room temperature.

Wash slides in 3 changes of 100% alcohol – 1 minute each at room temperature.

Wash slides in 3 changes of xylene – 1 minute each at room temperature.

Apply coverslip

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Restrictions:	For Research Use only
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### Handling

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Format:	Liquid
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Concentration:	Lot specific
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Buffer:	PBS, less than 0.1 % sodium azide.
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Preservative:	Sodium azide
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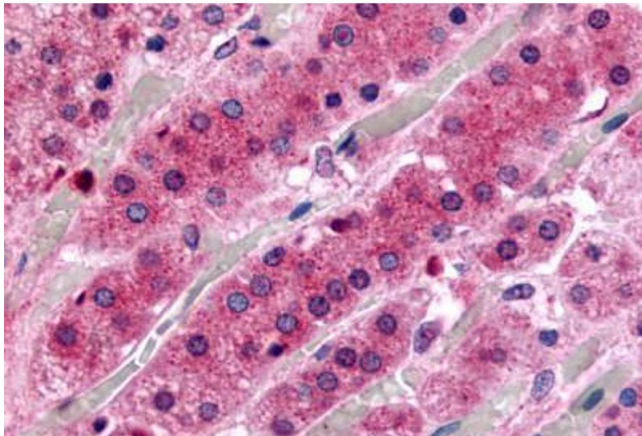
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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## Handling

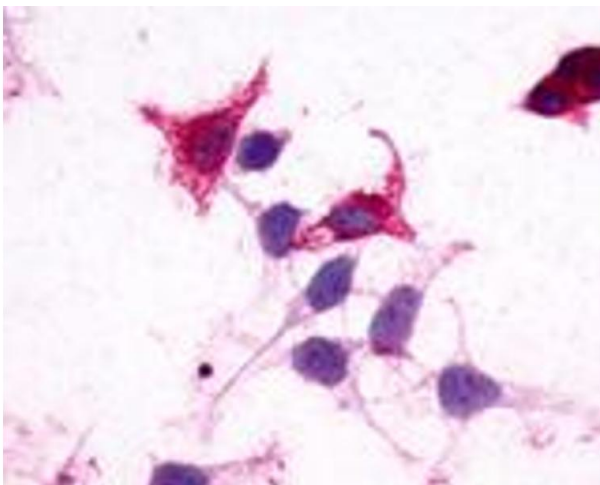
Storage:	4 °C, -20 °C
Storage Comment:	Aliquot and store undiluted at -20°C or below for up to 1 year. Can be stored undiluted at 4°C for up to 1 month. Avoid freeze-thaw cycles.
Expiry Date:	12 months

## Images



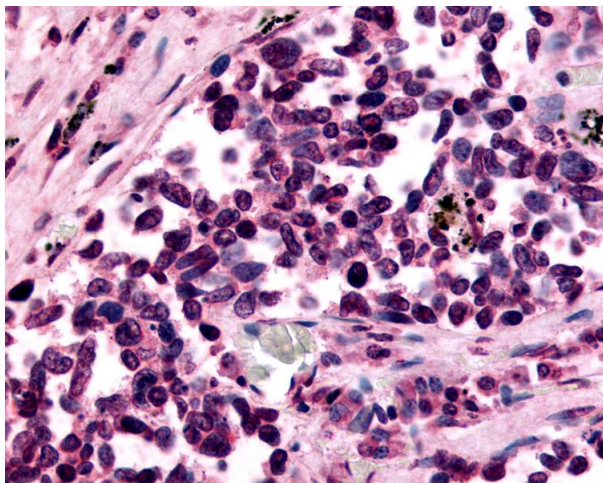
### Immunohistochemistry

**Image 1.** Anti-GPR182 / ADMR antibody ABIN1048769 IHC staining of human adrenal, zona fasciculata. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



### Immunocytochemistry

**Image 2.** Anti-GPR182 / ADMR antibody immunocytochemistry (ICC) staining of HEK293 human embryonic kidney cells transfected with GPR182 / ADMR.



#### Immunohistochemistry

**Image 3.** Anti-GPR182 / ADMR antibody IHC of human Lung, Small Cell Carcinoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.