Product datasheet

Anti-Angiotensin II Type 2 Receptor antibody ab140704

Overview

Product name: Anti-Angiotensin II Type 2 Receptor antibody
Description: Rabbit polyclonal to Angiotensin II Type 2 Receptor
Host species: Rabbit
Specificity: BLAST analysis of the peptide immunogen showed no homology with other human proteins, except GPR65 (63%) and NPFFR2 (44%).

Tested applications
Suitable for: IHC-P
Species reactivity
Reacts with: Human
Predicted to work with: Mouse, Rat, Sheep, Horse, Hamster, Cow, Dog, Pig, Monkey, Gorilla, Common marmoset, Bat, Elephant

Immunogen: Synthetic 16 amino acids peptide from the internal region of Human Angiotensin II Type 2 Receptor.
Positive control: Human adrenal tissue; Human uterus tissue

Properties
Form: Liquid
Storage instructions: Shipped at 4°C. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.
Storage buffer: Preservative: 0.1% Sodium azide
Constituent: 99% PBS
Purity: Immunogen affinity purified
Clonality: Polyclonal
Isotype: IgG

Applications

Our Abpromise guarantee covers the use of ab140704 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.
**Function**
Receptor for angiotensin II. Cooperates with MTUS1 to inhibit ERK2 activation and cell proliferation.

**Tissue specificity**
In adult, highly expressed in myometrium with lower levels in adrenal gland and fallopian tube. Very highly expressed in fetal kidney and intestine.

**Sequence similarities**
Belongs to the G-protein coupled receptor 1 family.

**Cellular localization**
Cell membrane.

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**Images**

**Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Angiotensin II Type 2 Receptor antibody (ab140704)**

Immunohistochemical analysis of formalin-fixed, paraffin-embedded Human uterus tissue labelling Angiotensin II Type 2 Receptor with ab140704 after heat-induced antigen retrieval. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen.

**Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Angiotensin II Type 2 Receptor antibody (ab140704)**

Immunohistochemical analysis of formalin-fixed, paraffin-embedded Human adrenal tissue labelling Angiotensin II Type 2 Receptor with ab140704 after heat-induced antigen retrieval. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen.

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**Application**

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<td>IHC-P</td>
<td>Use a concentration of 10 µg/ml. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.</td>
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**Target**

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**Notes**

IHC-P

Use a concentration of 10 µg/ml. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.
Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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