

AR- Alpha1A Polyclonal Antibody

Description

Product type Primary Antibody

Code BT-AP00647

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human ADRA1A. AA range:341-

390

Mol wt 51487

Species reactivity Human

Clonality Polyclonal

Recommended application WB, IHC-p, IF, ELISA

Concentration 1 mg/ml

Full name AR-alpha1A Antibody

Synonyms ADRA1C; Alpha-1A adrenergic receptor; Alpha-1A adrenoreceptor; Alpha-1A adrenoreceptor;

Alpha-1C adrenergic receptor; Alpha-adrenergic receptor 1c

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

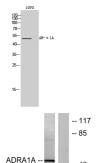
Alpha-1-adrenergic receptors (alpha-1-ARs) are members of the G protein-coupled receptor superfamily. They activate mitogenic responses and regulate growth and proliferation of many cells. There are 3 alpha-1-AR subtypes: alpha-1A, -1B and -1D, all of which signal through the Gq/11 family of G-proteins and different subtypes show different patterns of activation. ADRA1A encodes alpha-1A-adrenergic receptor. Alternative splicing of this gene generates four transcript variants, which encode four different isoforms with distinct C-termini but having similar ligand binding properties.

Recommended Dilution

WB: 1: 500 - 1: 2000 IHC: 1: 100 - 1: 300 IF: 1: 200 - 1: 1000 ELISA: 1: 10000

Not yet tested in other applications.

Images



-- 34 -- 26 Western Blot analysis of IOVO cells using AR-a1A Polyclonal Antibody

Western blot analysis of lysates from IOVO cells, using ADRA1A Antibody. The lane on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com