

PRODUCT DATA SHEET

Agouti-Related Protein (AGRP) Human, Rabbit Polyclonal Antibody

Cat. No.: RD181030050

Size: 0.05 mg

Source of Antigen: E. coli

Type: Polyclonal Antibody

Host: Rabbit

Isotype: IgG

Other Names:

AGRP, AGRT, ART

Preparation:

The antibody was raised in rabbits by immunization with the recombinant Human Agouti-Related Protein.

Amino Acid Sequence of Immunogen:

Recombinant Human Agouti-Related Protein, total 128 AA. MW: 14.4 kDa (calculated). UniProtKB acc.no. O00253. N-Terminal His-tag, 16 extra AA.

MKHHHHHHHM LVPRGSAQMG LAPMEGIRRP DQALLPELPG LGLRAPLKKT TAEQAEEDLL
QEAQALAEVL DLQDREPRSS RRCVRLHESC LGQQVPCCDP CATCYCRFFN AFCYCRKLG
T AMNPCSRT

Purification Method:

Immunoaffinity chromatography on a column with immobilized recombinant Human Agouti-Related Protein.

Species Reactivity:

Human

Antibody Content:

0.05 mg (determined by BCA method, BSA was used as a standard)

Formulation:

The antibody is lyophilized in 0.05 M phosphate buffer, 0.1 M NaCl, pH 7.2.

Reconstitution:

Add 0.1 ml of deionized water and let the lyophilized pellet dissolve completely. Slight turbidity may occur after reconstitution, which does not affect activity of the antibody. In this case clarify the solution by centrifugation.

Shipping:

At ambient temperature. Upon receipt, store the product at the temperature recommended below.

Storage/Stability:

The lyophilized antibody remains stable and fully active until the expiry date when stored at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles and store frozen at -80°C. Reconstituted antibody can be stored at 4°C for a limited period of time; it does not show decline in activity after one week at 4°C.

Quality Control:

Indirect ELISA – to determine titer of the antibody

SDS PAGE – to determine purity of the antibody

BCA - to determine quantity of the antibody

Applications:

ELISA, Immunohistochemistry, Western blotting

Note:

This product is for research use only.