Neudesin Human,
Rabbit Polyclonal Antibody

Product Data Sheet

Source of Antigen: E. coli
Host: Rabbit
Isotype: IgG
Cat. No.: RD181276100 (0.1 mg)

Other names: Cell immortalization-related protein 2, Neuron-derived neurotrophic factor, Secreted protein of unknown function, SPUF protein, NENF, CIR2, SPUF

Research topic
Energy metabolism and body weight regulation, Neural tissue markers, Oncology

Preparation
The antibody was raised in rabbits by immunization with the recombinant Human Neudesin.

Amino Acid Sequence
Recombinant Human Neudesin, total 151 AA. MW 16.9 kDa (calculated). UniProtKB acc. No. Q9UMX5 (Gly32-Phe172). N-terminal His-tag, 10 extra AA (highlighted).

MKHHHHHHHAS GQTPRPAERG PVPRLFTEEE LARYGGEED QPIYLAVKGV VFDVTSGKEF YGRGAPYNAL TGKDSTRGVA KMSLDPADLT HDTTLTAKE LEALDEVFTK VYKAKYPIVG YTARRILNED GSPNLDFKPE DQPHFDIKDE F

Species Reactivity
Human
Not yet tested in other species.

Purification Method
Immunoafinity chromatography on a column with immobilized recombinant Human Neudesin.

Antibody Content
0.1 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. AZIDE FREE.

Reconstitution
Add 0.2 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.

Expiration
See vial label.

Lot Number
See vial label.
Quality Control Test
Indirect ELISA - to determine titer of the antibody
SDS PAGE - to determine purity of the antibody

Applications
ELISA

Note
This product is for research use only.