

Anti-FFA3

(free fatty acid receptor-3 or GPR41)

Code Number : FFAR3-Rb-Af800 (rabbit, RRID : AB_2571697)

Size : 20 µg and 50 µg / See label on vial
(affinity-purified with antigen polypeptide)

Formulation : Liquid ; 200 µg/ml in PBS with 0.05% NaN₃.

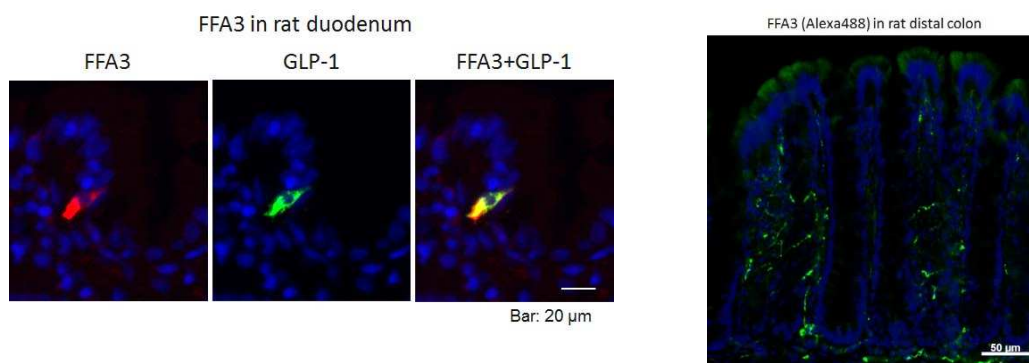
Storage : Store at 4°C. The antibody can be stored at 4°C. The antibody can be also aliquotted and stored at -80°C for long-term storage. Avoid repeated freeze-thawing. Non-hazardrous. No MSDS required.

Species : rabbit, polyclonal

Antigen : rat FFA3 292-319 aa (RACVPWTQEVSLLELKVKNGEEPSKECPSS ; NM 001108912)

Specificity : mouse (others not tested)

Immunoblot detects a single protein band at 38 kDa in rat duodenum. Immunohistochemistry labels the enteric nervous system, including the myenteric and submucosal plexuses as well as intramuscular and mucosal nerve fibers. Pictures are provided from Dr. Kaji.



Applications : In general, affinity-purified antibody is used at around 1 microgram/ml for immunoblot and immunohistochemistry. The most appropriate concentration should be determined by users, because it depends on contents in given cells, tissues and organs.

Research Use : For research use only, not for use in diagnostic procedures.

Remarks :

Reference : 1) Kaji I, Akiba Y, Konno K, Watanabe M, Kimura S, Iwanaga T, Kuri A, Iwamoto K, Kuwahara A, Kaunitz JD: Neural FFA3 activation inversely regulates anion secretion evoked by nicotinic ACh receptor activation in rat proximal colon, **J Physiol**, 594:3339-3352, 2016.