

GPR173 Polyclonal Antibody

Catalog # AP70181

Specification

GPR173 Polyclonal Antibody - Product Information

Application **WB**
Primary Accession [Q9NS66](#)
Reactivity **Human, Mouse, Rat**
Host **Rabbit**
Clonality **Polyclonal**

GPR173 Polyclonal Antibody - Additional Information

Gene ID 54328

Other Names

GPR173; SREB3; Probable G-protein coupled receptor 173; Super conserved receptor expressed in brain 3

Dilution

WB~~Western Blot: 1/500 - 1/2000.
Immunofluorescence: 1/200 - 1/1000.
ELISA: 1/10000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Storage Conditions

-20°C

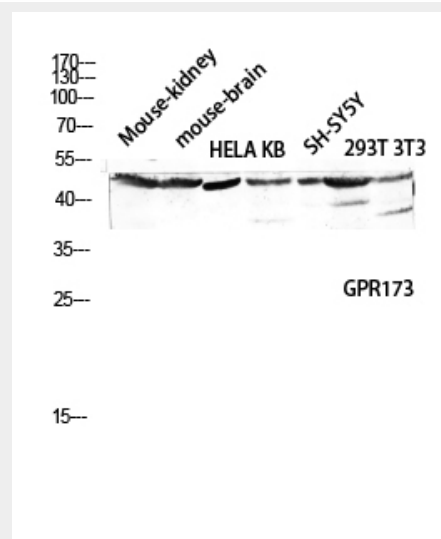
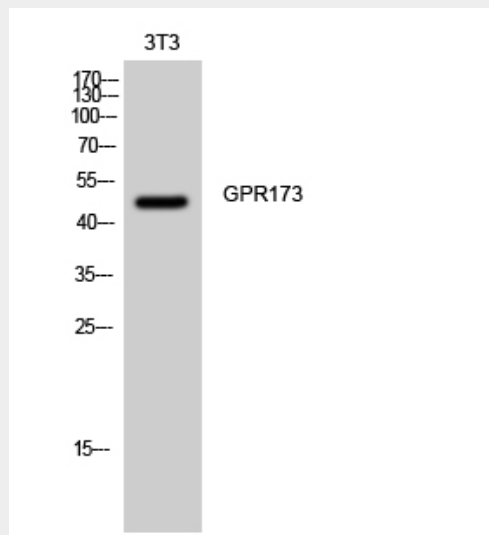
GPR173 Polyclonal Antibody - Protein Information

Name GPR173

Synonyms SREB3

Function

Is a receptor for the SMIM20 derived peptides Phoenixin-14 and Phoenixin-20 (By similarity). It mediates the Phoenixin-14 and Phoenixin-20 augmentation of gonadotropin-releasing hormone (GNRH) signaling in the hypothalamus and pituitary gland (By similarity). In the ovary, it



mediates the effects of Phoenixin-14 and Phoenixin-20 induced granulosa cell proliferation during follicular growth (PubMed:30933929).

Cellular Location

Cell membrane; Multi-pass membrane protein

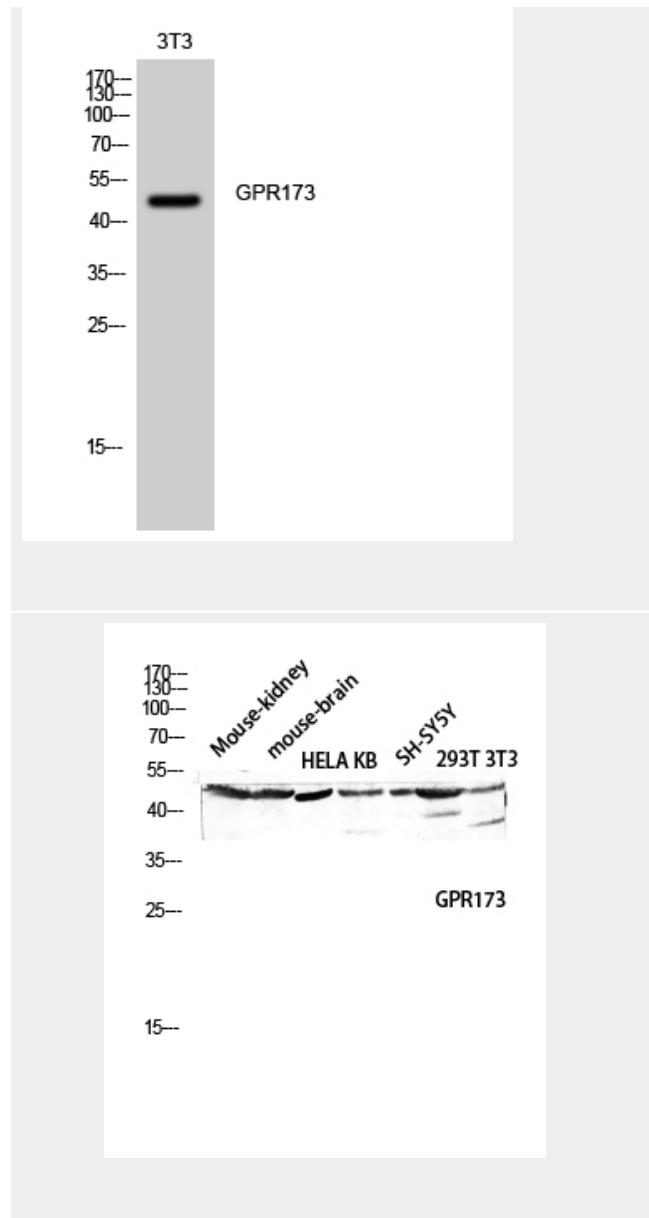
Tissue Location

Expressed in the ovary, specifically in granulosa cells of follicles that have passed the primary stage and in oocytes (at protein level) (PubMed:30933929). Expressed at high levels in brain. Lower levels in small intestine. In brain regions, detected in all regions tested. Highest levels in the cerebellum and cerebral cortex.

GPR173 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)



GPR173 Polyclonal Antibody - Background

Orphan receptor.