

GPR173 Polyclonal Antibody
Catalog # AP70181**Specification**

GPR173 Polyclonal Antibody - Product Information

Application	WB, IF
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.

IF~~1:50~200

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) 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

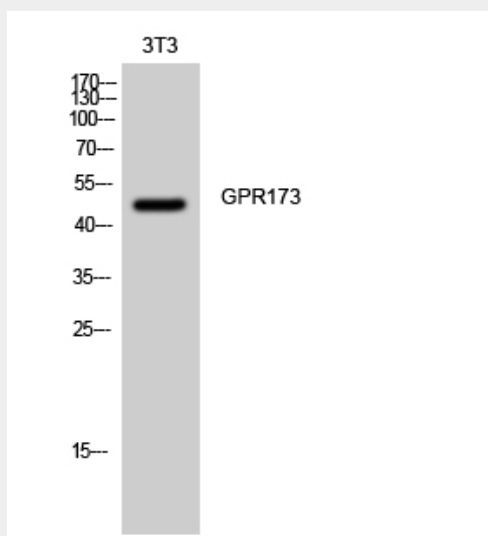
Expressed in the ovary, specifically in granulosa cells of follicles that have passed the primary stage and in oocytes (at protein level) (PubMed:30933929). Expressed at high levels in brain. Lower levels in small intestine. In brain regions, detected in all regions tested. Highest levels in the cerebellum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

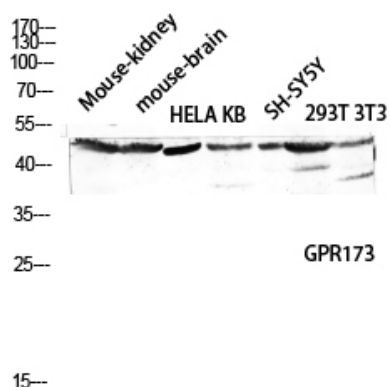
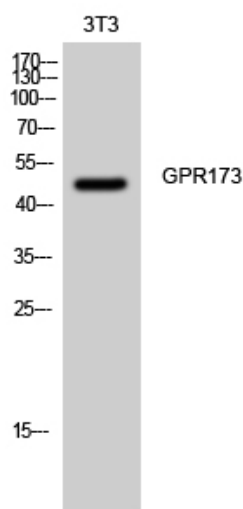
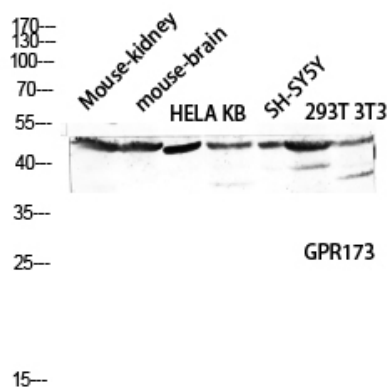
GPR173 Polyclonal Antibody - Protocols

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 - Images





GPR173 Polyclonal Antibody - Background

Orphan receptor.