

Anti-GPR173 / SREB3 Antibody (Transmembrane Domain)
Rabbit Anti Human Polyclonal Antibody
Catalog # ALS17483

Specification

Anti-GPR173 / SREB3 Antibody (Transmembrane Domain) - Product Information

Application	IHC-P
Primary Accession	O9NS66
Predicted	Human, Mouse, Rat, Rabbit, Hamster, Monkey, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	41481
Dilution	IHC-P~~N/A

Anti-GPR173 / SREB3 Antibody (Transmembrane Domain) - Additional Information

Gene ID 54328

Alias Symbol **GPR173**

Other Names

GPR173, G protein coupled receptor 173, G-protein coupled receptor 173, G protein-coupled receptor 173, SREB3

Target/Specificity

Human GPR173. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

Reconstitution & Storage

Immunoaffinity purified

Precautions

Anti-GPR173 / SREB3 Antibody (Transmembrane Domain) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-GPR173 / SREB3 Antibody (Transmembrane Domain) - 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: <http://www.uniprot.org/citations/30933929> target="_blank">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.

Anti-GPR173 / SREB3 Antibody (Transmembrane Domain) - 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](#)

Anti-GPR173 / SREB3 Antibody (Transmembrane Domain) - Images