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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	Q9NS66
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: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 Cytomety
- Cell Culture

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