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Anti-GPR173 / SREB3 Antibody (N-Terminus)

Rabbit Anti Human Polyclonal Antibody
Catalog # ALS17481

Product Information

Application	IHC-P
Primary Accession	Q9NS66
Predicted	Human, Rabbit, Monkey, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	41481
Concentration (mg/ml)	1 mg/ml

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, except MMP28 (47%).
Reconstitution & Storage	Immunoaffinity purified
Precautions	Anti-GPR173 / SREB3 Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

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.