

RGS22 Antibody (N-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS15649**Specification**

RGS22 Antibody (N-Terminus) - Product Information

Application	IF
Primary Accession	Q8NE09
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	147kDa KDa

RGS22 Antibody (N-Terminus) - Additional Information**Gene ID** 26166**Other Names**

Regulator of G-protein signaling 22, RGS22, RGS22

Target/Specificity

Human RGS22. At least four isoforms of RGS22 are known to exist; this antibody will detect the three longest isoforms. RGS22 antibody is predicted to not cross-react with other RGS proteins.

Reconstitution & Storage

Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.

Precautions

RGS22 Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

RGS22 Antibody (N-Terminus) - Protein Information**Name** RGS22**Function**

Inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits thereby driving them into their inactive GDP-bound form.

Cellular Location

Cytoplasm. Nucleus. Note=Expressed in the cytoplasm of spermatogonia and spermatocytes. In spermatids, also expressed in the nucleus

Tissue Location

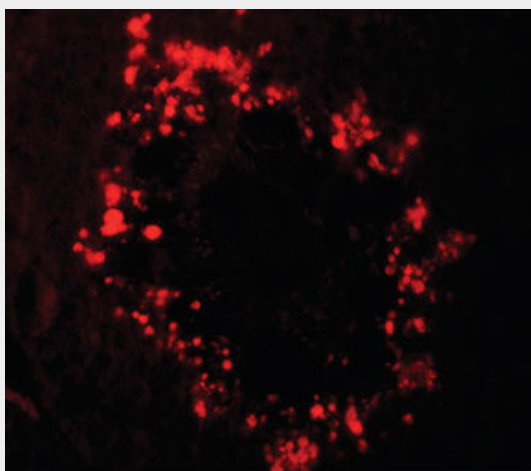
Testis-specific. Expressed in Leydig cells and spermatogenic cells from the spermatogonia to spermatid stages (at protein level).

RGS22 Antibody (N-Terminus) - 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](#)

RGS22 Antibody (N-Terminus) - Images



Immunofluorescence of RGS22 in human testis tissue with RGS22 antibody at 20 ug/ml.

RGS22 Antibody (N-Terminus) - Background

Inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits thereby driving them into their inactive GDP-bound form.

RGS22 Antibody (N-Terminus) - References

Hu Y.,et al.Biol. Reprod. 79:1021-1029(2008).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Nusbaum C.,et al.Nature 439:331-335(2006).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
Bechtel S.,et al.BMC Genomics 8:399-399(2007).