

**ZGLP1 Antibody (internal region)**  
**Peptide-affinity purified goat antibody**  
**Catalog # AF3156a****Specification**

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**ZGLP1 Antibody (internal region) - Product Information**

Application	E
Primary Accession	<a href="#">POC6A0</a>
Other Accession	<a href="#">NP_001096637.1</a> , <a href="#">100125288</a> , <a href="#">100009600</a> (mouse)
Predicted	Human, Mouse, Cow
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	29628

**ZGLP1 Antibody (internal region) - Additional Information****Gene ID** 100125288**Other Names**

GATA-type zinc finger protein 1, GATA-like protein 1, GLP-1, ZGLP1, GLP1

**Format**

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

ZGLP1 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

**ZGLP1 Antibody (internal region) - Protein Information****Name** ZGLP1 ([HGNC:37245](#))**Function**

Transcriptional regulator that plays a key role in germ cell development. Determines the oogenic fate by activating key genes for the oogenic program and meiotic prophase entry. Acts downstream of bone morphogenetic protein (BMP) by regulating expression of genes required for the oogenic programs, which are repressed by Polycomb activities in sexually uncommitted germ cells. Regulates expression of STRA8, a central downstream effector for the meiotic program. Acts independently of retinoic acid (RA). In males, not required for germ-cell sex determination, but required to allow the spermatogonia to efficiently accomplish the meiotic prophase.

**Cellular Location**

Nucleus {ECO:0000250|UniProtKB:Q1WG82}.

**ZGLP1 Antibody (internal region) - 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](#)

**ZGLP1 Antibody (internal region) - Images****ZGLP1 Antibody (internal region) - References**

GLP-1: a novel zinc finger protein required in somatic cells of the gonad for germ cell development.  
Li S, Lu MM, Zhou D, Hammes SR, Morrissey EE, Developmental biology 2007 Jan 301 (1): 106-16.  
PMID: 16982049