

IRGC Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP56367**Specification**

IRGC Polyclonal Antibody - Product Information

Application	IHC-P, WB
Primary Accession	Q6NXR0
Reactivity	Rat, Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	50288

IRGC Polyclonal Antibody - Additional Information**Gene ID** 56269**Other Names**

Interferon-inducible GTPase 5, 3.6.5.-, Immunity-related GTPase cinema 1, IRGC, IIGP5, IRGC1

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

IRGC Polyclonal Antibody - Protein Information**Name** IRGC ([HGNC:28835](#))**Synonyms** IIGP5, IRGC1**Function**

Required for sperm motility and therefore male fertility, via positive regulation of spermatozoa fibrous sheath formation.

Cellular Location

Cell projection, cilium, flagellum. Lipid droplet. Note=Expressed in the sperm mitochondrial sheath.

Tissue Location

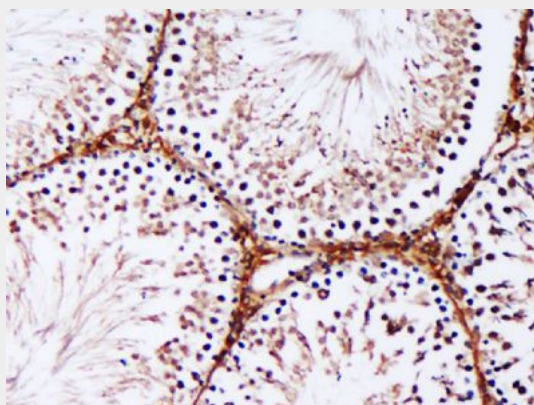
Abundantly expressed in semen (at protein level).

IRGC Polyclonal Antibody - 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](#)

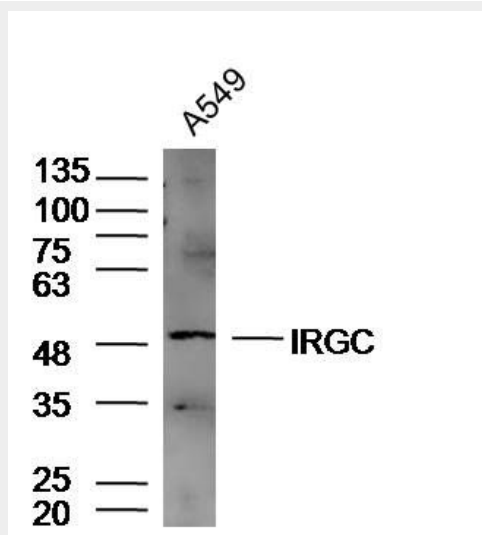
IRGC Polyclonal Antibody - Images



Tissue/cell: Rat testis tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-IRGC Polyclonal Antibody, Unconjugated(bs-16706R) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Sample:

A549 Cell (Human) Lysate at 30 ug

Primary: Anti-IRGC (bs-16706R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 50 kD
Observed band size: 50 kD