



Rabbit Anti-IRGC antibody

SL16706R

Product Name:	IRGC
Chinese Name:	IRGC蛋白抗体
Alias:	F630044M05Rik; Gm1102; Gm474; IIGP5; IIGP5_HUMAN; Immunity-related GTPase cinema 1; Interferon-inducible GTPase 5; IRGC; IRGC1; RGD1311107.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Pig,Cow,Horse,Rabbit,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	50kDa
Cellular localization:	The nucleuscytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human IRGC:301-400/463
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
PubMed:	PubMed
Product Detail:	IRGC (Immunity Related GTPase Cinema) is a Protein Coding gene. Diseases associated with IRGC include Solar Retinopathy and Echolalia. GO annotations related to this gene include GTP binding and hydrolase activity, acting on acid anhydrides. An important paralog of this gene is IRGM. Similarity:

Belongs to the interferon-inducible GTPase family.

SWISS:
Q6NXR0

Gene ID:
56269

Database links:

[Entrez Gene: 56269](#) Human

[Entrez Gene: 210145](#) Mouse

[Entrez Gene: 308428](#) Rat

[SwissProt: Q6NXR0](#) Human

[SwissProt: Q8C262](#) Mouse

[SwissProt: Q6AYF9](#) Rat

[Unigene: 515444](#) Human

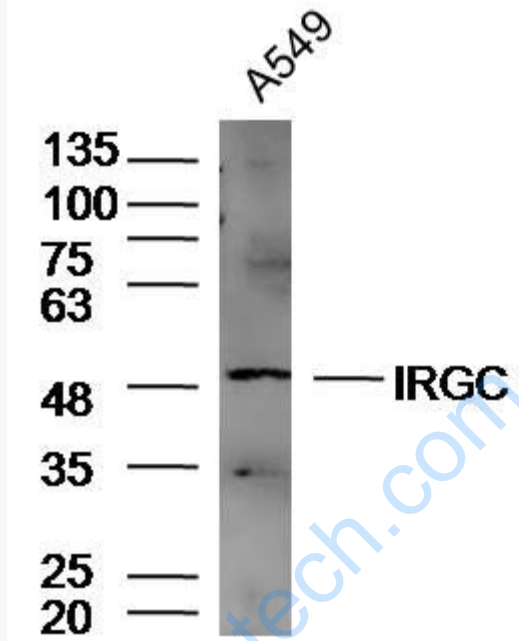
[Unigene: 33811](#) Mouse

[Unigene: 155129](#) Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:



Sample:

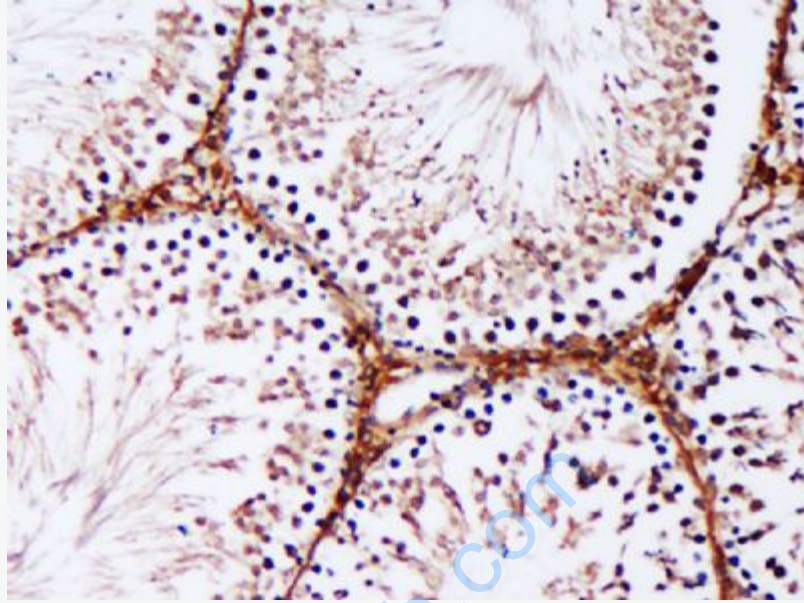
A549 Cell (Human) Lysate at 30 ug

Primary: Anti-IRGC (SL16706R) at 1/300 dilution

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

Predicted band size: 50 kD

Observed band size: 50 kD



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(SL16706R) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining