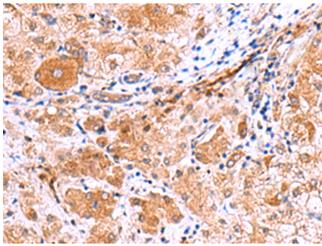


IRGC Polyclonal Antibody

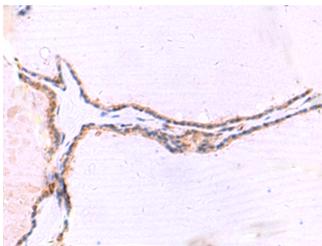
Catalog No.	E-AB-18127	Reactivity	H,R
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Rabbit
Applications	IHC,ELISA	Isotype	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Images



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using IRGC Polyclonal Antibody at dilution of 1:30(×200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using IRGC Polyclonal Antibody at dilution of 1:30(×200)

Immunogen Information

Immunogen	Synthetic peptide of human IRGC
Gene Accession	NP062558
Swissprot	Q6NXR0
Synonyms	F630044M05Rik,Gm1102,Gm474,IIGP5,IIGP5,Immunity-related GTPase cinema 1,Interferon-inducible GTPase 5,IRGC,IRGC1,RGD1311107

Product Information

Buffer	PBS with 0.05% NaN ₃ and 40% Glycerol,pH7.4
Purify	Antigen affinity purification
Dilution	IHC 1:30-1:150, ELISA 1:5000-1:10000

Background

Immunity-related GTPases (IRG) (also known as p47 GTPases) are a family of GTPase proteins found in vertebrates, which play critical roles in mediating innate resistance to intracellular pathogens. IRG genes have been found in a number of mammals and lower species including mice, rats, zebrafish and humans. Most of the mouse genes contain interferon-stimulated response elements which mediate transcriptional activation by IFNs. In humans, only two IRG genes have been found: human IRGC encodes a full-length IRG protein that, like the mouse homologue, is constitutively expressed in testis, while human IRGM encodes a considerably truncated protein that is constitutively expressed in cultured cells including some macrophage cell lines. As the two human genes IRGC and IRGM are not subject to IFN control, it has been suggested that the host resistance mechanism supported by IRG proteins in the mouse is lacking in humans.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.