

Rabbit anti-Mouse IRF6 Polyclonal Antibody | anti-IRF6 antibody

Anti-IRF6 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA254294	Rabbit	Mouse	Immunofluorescence, Immunocytochemistry, Immunohistochemistry

PRODUCT SYNONYMS

IRF6; Polyclonal Antibody; Anti-IRF6 Antibody; Rabbit Polyclonal; IRF6/IRF-6 Antibody; Rabbit PAb; Antigen Affinity Purified; interferon regulatory factor 6; Anti-AI876454 Antibody; Anti-E230028I05Rik Antibody; Anti-mirf6 Antibody; anti-IRF6 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Mouse IRF6/IRF-6
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-IRF6 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Immunogen	A synthetic peptide corresponding to the N-terminus of the Mouse IRF6/IRF-6
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the N-terminus of the Mouse IRF6/IRF-6, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of Irf6 in COS7 cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-mouse Irf6 polyclonal antibody (1:1000) at 4 degree C overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green). Positive staining was localized to cytoplasm and nucleus.



IHC (Immunohistochemistry)

Immunochemical staining of mouse Irf6 in mouse small intestine with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-IRF6 antibody	IRF6 (Interferon Regulatory Factor 6) is a Protein Coding gene. IRF6, a member of the IRF family of transcription factors, is required for the differentiation of skin, breast epithelium, and oral epithelium. Family members share a highly-conserved N-terminal helix-turn-helix DNA-binding domain and a less conserved C-terminal protein-binding domain. IRF6, the gene that causes van der Woude syndrome (VWS), is a candidate gene for nonsyndromic cleft lip with or without cleft palate (NSCLP) because some studies have supported an association between NSCLP and single nucleotide polymorphisms (SNPs) in IRF6 in several populations. Interferon Regulatory Factor 6 (IRF6) gene variants are significant genetic contributors to orofacial clefts.
Product Categories/Family for anti-IRF6 antibody	Apoptosis Transcription Factors and Regulators; NF-kB (NFkB) Pathway

NCBI AND UNIPROT INFORMATION

NCBI GI #	114145467
NCBI GeneID	54139
NCBI Accession #	NP_058547.2
NCBI GenBank Nucleotide #	NM_016851.2
UniProt Accession #	P97431; Q91VD0
Molecular Weight	53,111 Da
NCBI Official Full Name	interferon regulatory factor 6
NCBI Official Synonym Full Names	interferon regulatory factor 6
NCBI Official Symbol	Irf6
NCBI Official Synonym Symbols	mirf6; AI876454; E230028I05Rik
NCBI Protein Information	interferon regulatory factor 6
UniProt Protein Name	Interferon regulatory factor 6
UniProt Gene Name	Irf6
UniProt Synonym Gene Names	IRF-6
UniProt Entry Name	IRF6_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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