

Rabbit anti-Human, Mouse ILF2 Polyclonal Antibody | anti-ILF2 antibody

ILF2 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA174212	Rabbit	Human, Mouse	Immunofluorescence, Western Blot

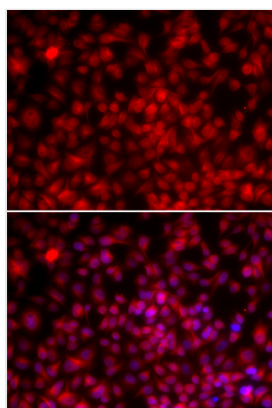
PRODUCT SYNONYMS

ILF2; Polyclonal Antibody; ILF2 Polyclonal Antibody; HGNC:6037; ILF 2; ilf2; Interleukin enhancer binding factor 2; 45kDa; Interleukin enhancer-binding factor 2; MGC8391; NF 45; NF45; Nuclear factor of activated T cells 45 kDa; Nuclear factor of activated T-cells 45 kDa; PRO3063; anti-ILF2 antibody

PRODUCT SPECIFICATIONS

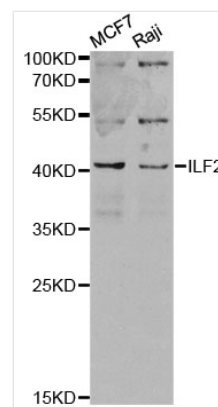
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Concentration	1 mg/mL (varies by lot)
Sequence Length	390
Applicable Applications for anti-ILF2 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant protein of human ILF2
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cells using ILF2 antibody.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using ILF2 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-ILF2 antibody	The protein encoded by this gene is a transcription factor required for T-cell expression of the interleukin 2 gene. It also binds RNA and is an essential component for encapsidation and protein priming of hepatitis B viral polymerase. The encoded 45 kDa protein (NF45, ILF2) forms a complex with the 90 kDa interleukin enhancer-binding factor 3 (NF90, ILF3), and this complex has been shown to affect the redistribution of nuclear mRNA to the cytoplasm, to repair DNA breaks by nonhomologous end joining, and to negatively regulate the microRNA processing pathway. Knockdown of NF45 or NF90 protein retards cell growth, possibly by inhibition of mRNA stabilization. Alternative splicing results in multiple transcript variants. Related pseudogenes have been found on chromosomes 3 and 14.
Product Categories/Family for anti-ILF2 antibody	Cancer; Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	392513662
NCBI GeneID	3608
NCBI Accession #	NP_001254738.1
NCBI GenBank Nucleotide #	NM_001267809.1
UniProt Accession #	Q12905; Q5SR10; Q5SR11; Q7L7R3; Q9BWD4; Q9P1N0; A6NDB0; B2R8G7
Molecular Weight	Calculated: 43kDa Observed: 41kDa
NCBI Official Full Name	interleukin enhancer-binding factor 2 isoform 2
NCBI Official Synonym Full Names	interleukin enhancer binding factor 2
NCBI Official Symbol	ILF2
NCBI Official Synonym Symbols	NF45; PRO3063
NCBI Protein Information	interleukin enhancer-binding factor 2
UniProt Protein Name	Interleukin enhancer-binding factor 2
UniProt Gene Name	ILF2
UniProt Synonym Gene Names	NF45

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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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ilf2-antibody-immunofluorescence-western-blot-elisa/174212>