À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-IRF8

proteintech®
Antibodies | ELISA kits | Proteins
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Numéro de catalogue:24437-1-AP

Informations de base

Numéro de catalogue:
24437-1-AP

Taille:
150ul , Concentration: 750 μg/ml by Nanodrop and 340 μg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG19909

Numéro d'acquisition GenBank:
BC126247

Identification du gène (NCBI):
3394

Nom complet:
ICSBP1

MW calculé
426 aa, 48 kDa

MW observés:
50 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:500-1:2000

Applications

Applications testées:
WB,ELISA

Spécificité de l'espèce:
Humain

Contrôles positifs:

WB : cellules Raji,

Informations générales

IRFs comprise a family of transcription factors that function within the Jak/Stat pathway to regulate IFN and IFN-inducible gene expression in response to viral infection. IRFs predominantly express in lymphoid tissues and play an important role in pathogen defense, autoimmunity, lymphocyte development, cell growth, and susceptibility to transformation. The IRF family includes nine members: IRF-1, IRF-2, ISGF3γ /p48, IRF-3, IRF-4 (Pip/LSIRF/ICSAT), IRF-5, IRF-6, IRF-7, and IRF-8/ICSBP. All IRF proteins share homology in their amino-terminal DNA-binding domains. IRF family members regulate transcription through interactions with proteins that share similar DNA-binding motifs, such as IFN-stimulated response elements (ISRE), IFN consensus sequences (ICS), and IFN regulatory elements (IRF-E). IRF-8/ICSCP is expressed predominately in hematopoietic cells and is further increased upon treatment with IFN (2111015,1460054). IRF-8 can function as a transcription repressor of ICS-containing promoters (1460054). Expression of IRF-8 can lead to the down-regulation of the anti-apoptotic protein Bcl-2 (14656881). Originally described as being induced by IFN-γ , IRF-8 expression is also elevated by IRF-α as well as IL-12 in NK and T cells (14581002). IRF-8 deficient mice have enhanced susceptibility to various pathogens and impaired production of IFNs, as well as deregulated hematopoiesis that resembles chronic myelogenous leukemia (9120398). IRF-8 also regulates bone metabolism by suppressing osteoclast formation (19718038).This antibody specifically recognizes the 48kd IRF8 protein.

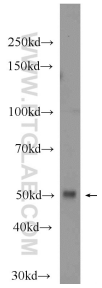
Stockage

Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

***** Les 20ul contiennent 0,1% de BSA.**

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

Données de validation sélectionnées



Raji cells were subjected to SDS PAGE followed by western blot with 24437-1-AP (IRF8 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.