SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-IFNE1 antibody

Catalog Number: SL15556R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	IFNE1
Immunogen:	KLH conjugated synthetic peptide derived from human IFNE1: 101-200/208
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-2000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human, (predicted: Mouse)
Predicted MW.:	22kDa
Subcellular Location:	cytoplasmic
Background:	The genes encoding type I interferons (IFNs), which include 14 IFN-alpha genes, 1 IFN-beta gene, 1 IFN-gamma (also known as IFN-alphaII1) gene, and a number of IFN-gamma pseudogenes, are clustered on human chromosome 9. Interferons-alpha and -beta are cytokines that are widely known to induce potent antiviral activity. IFN-alpha and -beta exert a variety of other biological effects, including anti-tumor and immunomodulatory activities, and are increasingly used clinically to treat a range of malignancies, myelodysplasias and autoimmune diseases. **Subcellular Location:** Secreted (Potential). **Tissue Specificity:** Expressed in prostate cancer cell line PC-3, amnion-derived WISH cells, melanoma cell line SK-MEL-28, cell line Daudi and very weakly in MCF-7 human breast cancer cells. Not detected in cell lines Namalwa (Burkitt's lymphoma) and Jurkat (T-cell). **Similarity:** Belongs to the alpha/beta interferon family. **Database links:**

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

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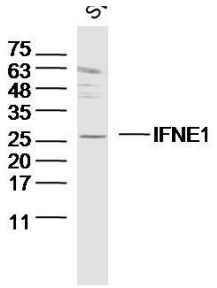
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	Entrez Gene: 338376 Human **SwissProt:** Q86WN2 Human **Unigene:** 682604 Human

[VALIDATION IMAGES]



Sample: SW480 (human)cell Lysate at 40 ug
Primary: Anti- IFNE1 (SL15556R)at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 22kD
Observed band size: 25 kD

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