

Datasheet for ABIN2780428
anti-IRF4 antibody (N-Term)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µL
Target:	IRF4
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Guinea Pig, Horse, Rabbit, Zebrafish (Danio rerio), Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IRF4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human IRF4
Sequence:	MNLEGGGRGG EFGMSAVSCG NGKLRQWLID QIDSGKYPGL VWENEEKSIF
Predicted Reactivity:	Cow: 100%, Dog: 93%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 93%, Rat: 100%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against IRF4. It was validated on Western Blot and immunohistochemistry.
Purification:	Affinity Purified

Target Details

Target:	IRF4
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Target Details

Alternative Name:	IRF4 (IRF4 Products)
Background:	<p>IFN regulatory factor (IRF)-4 is a lymphoid/myeloid-restricted member of the IRF transcription factor family that plays an essential role in the homeostasis and function of mature lymphocytes. IRF-4 expression is tightly regulated in resting primary T cells and is transiently induced at the mRNA and protein levels after activation by Ag-mimetic stimuli such as TCR cross-linking or treatment with phorbol ester and calcium ionophore (PMA/ionomycin).</p> <p>Alias Symbols: LSIRF, MUM1, NF-EM5</p> <p>Protein Interaction Partner: UBC, STAT6, BCL6, TOP1, IRAK1, PRRC2B, YTHDC2, VPS35, PEG10, TLK2, CARM1, IKBKAP, ETV7, BATF, HOXB13, PROX1, HOXC11, FKBP4, SPIB, PRDM1, MYD88, TRAF2, NFATC2, SPI1,</p> <p>Protein Size: 451</p>
Molecular Weight:	52 kDa
Gene ID:	3662
NCBI Accession:	NM_002460 , NP_002451
UniProt:	Q15306
Pathways:	Chromatin Binding

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 451 AA
Restrictions:	For Research Use only

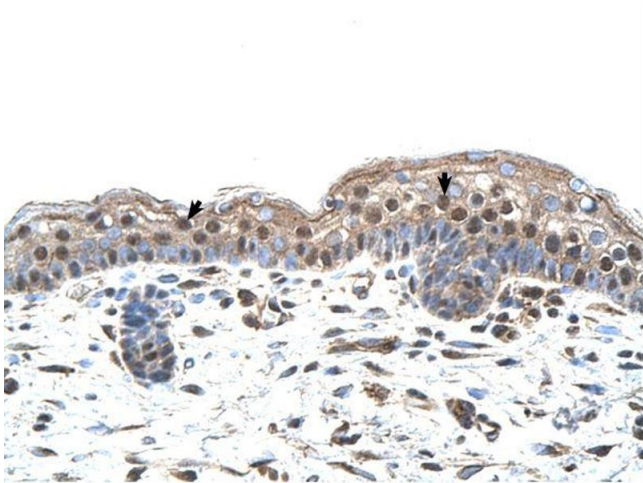
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

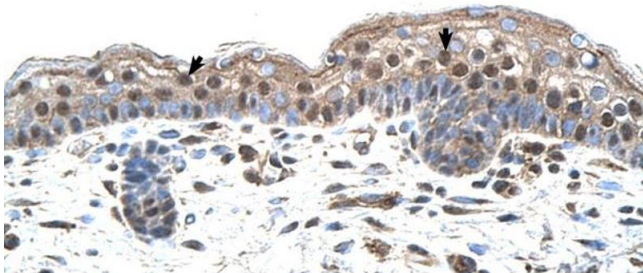
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Immunohistochemistry

Image 1.



Immunohistochemistry

Image 2. Human Skin



Western Blotting

Image 3. WB Suggested Anti-IRF4 Antibody Titration:
5.0ug/ml Positive Control: Jurkat cell lysate

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN2780428.