

Datasheet for ABIN6142535
anti-IRF6 antibody (AA 115-300)



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1 Image

Overview

Quantity:	100 µL
Target:	IRF6
Binding Specificity:	AA 115-300
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IRF6 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 115-300 of human IRF6 (NP_006138.1).
Sequence:	DIPQPQGSII NPGSTGSAPW DEKDNDVDEE DEEDELQSQ HHVPIQDTFP FLNINGSPMA PASVGNCSVG NCSPEAVWPK TEPLMEVPQ APIQPFYSSP ELWISSLPMT DLDIKFQYRG KEYGQTMTVS NPQGCRLFYG DLGPMMPDQEE LFGPVSLEQV KFPGPPEHITN EKQKLFTSKL LDVMDR
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

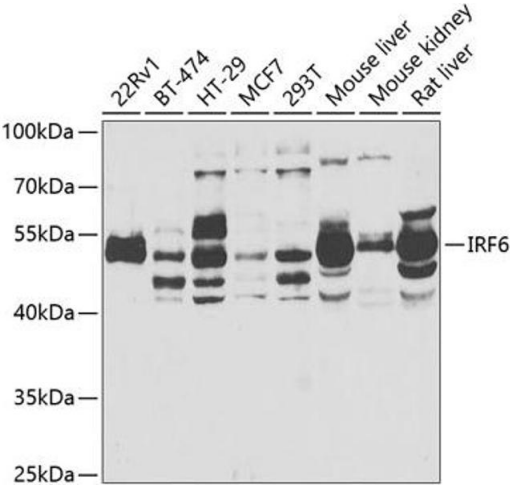
Target:	IRF6
Alternative Name:	IRF6 (IRF6 Products)
Background:	This gene encodes a member of the interferon regulatory transcription factor (IRF) family. Family members share a highly-conserved N-terminal helix-turn-helix DNA-binding domain and a less conserved C-terminal protein-binding domain. The encoded protein may be a transcriptional activator. Mutations in this gene can cause van der Woude syndrome and popliteal pterygium syndrome. Mutations in this gene are also associated with non-syndromic orofacial cleft type 6. Alternate splicing results in multiple transcript variants.,IRF6,LPS,OFC6,PIT,PPS,PPS1,VWS,VWS1,Epigenetics & Nuclear Signaling,Transcription Factors,Immunology & Inflammation,Cytokines,Interferons,Cell Intrinsic Innate Immunity Signaling Pathway,Stem Cells,Embryonic Stem Cells,IRF6
Molecular Weight:	41 kDa/53 kDa
Gene ID:	3664
UniProt:	O14896

Application Details

Application Notes:	WB,1:500 - 1:2000
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using IRF6 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 15s.