
Product Name: KO-Validated STAT2 Recombinant Rabbit Monoclonal Antibody**Catalog #: KVA01904**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB
Reactivity	Human,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000
Molecular Weight	Calculated MW: 97.9kDa

Antigen Information

Gene Name	STAT2 STAT2; Signal Transducer And Activator Of Transcription 2; STAT113; Signal Transducer And
Alternative Names	Activator Of Transcription 2, 113kDa; P113; Signal Transducer And Activator Of Transcription 2, 113kD; Interferon Alpha Induced Transcriptional Activator; PTORCH3; ISGF-3; IMD44
Gene ID	6773.0
SwissProt ID	P52630
Immunogen	A synthesized peptide derived from human STAT2

Background

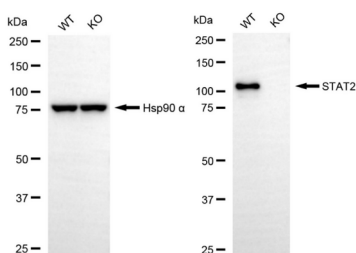
The protein encoded by this gene is a member of the STAT protein family. In response to cytokines and growth factors, STAT family members are phosphorylated by the receptor associated kinases, and then form homo- or heterodimers that translocate

to the cell nucleus where they act as transcription activators. In response to interferon (IFN), this protein forms a complex with STAT1 and IFN regulatory factor family protein p48 (ISGF3G), in which this protein acts as a transactivator, but lacks the ability to bind DNA directly. The protein mediates innate antiviral activity. Mutations in this gene result in Immunodeficiency 44. [provided by RefSeq, Aug 2020]

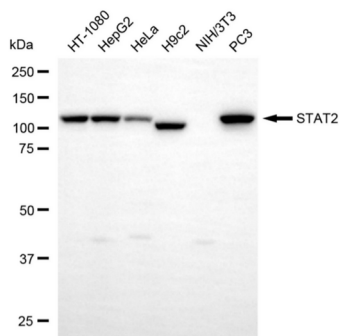
Research Area

Epigenetics and Nuclear Signaling, Microbiology, Signal Transduction

Image Data



Western blotting analysis using STAT2 antibody (KVA01904). STAT2 expression in wild-type (WT) and STAT2 knockout (KO) HeLa cells with 20 μ g of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with STAT2 antibody (KVA01904, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using STAT2 antibody (KVA01904). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with STAT2 antibody (KVA01904, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.