

STAT1 Rabbit mAb

Catalog No: #58661

Package Size: #58661-1 50ul #58661-2 100ul

Description

Product Name	STAT1 Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF
Species Reactivity	Human Mouse
Specificity	STAT1 Antibody detects endogenous levels of total STAT1
Immunogen Description	A synthesized peptide derived from human STAT1
Other Names	Signal transducer and activator of transcription 1; Signal transducer and activator of transcription 1-alpha/beta; Transcription factor ISGF-3 components p91/p84; ISGF3; CANDF7; STAT 1; Stat1;
Accession No.	Uniprot:P42224
Calculated MW	Predicted band size: 87 kDa
SDS-PAGE MW	Observed band size: 84 kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

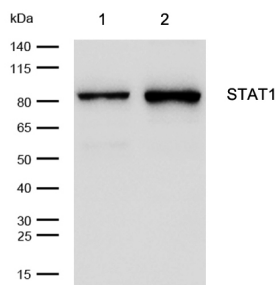
Application Details

WB: 1:500-1:2000

IHC: 1:50-1:200

ICC/IF: 1:50-1:200

Images



All lanes: STAT1 Rabbit mAb at 1/1k dilution

Lane 1 : 293 whole cell lysates Lane 2 : MCF-7 whole cell lysates
Lysates/proteins at 20 µg per lane.

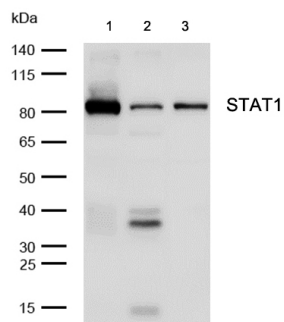
Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution

Predicted band size: 87 kDa

Observed band size: 84 kDa

Exposure time: 3 seconds



All lanes: STAT1 Rabbit mAb at 1/1k dilution

Lane 1 : Mouse lung lysates Lane 2 : Mouse kidney lysates

Lane 3 : Mouse brain lysates

Lysates/proteins at 20 µg per lane.

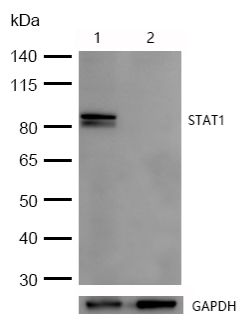
Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution

Predicted band size: 87 kDa

Observed band size: 84 kDa

Exposure time: 5 seconds

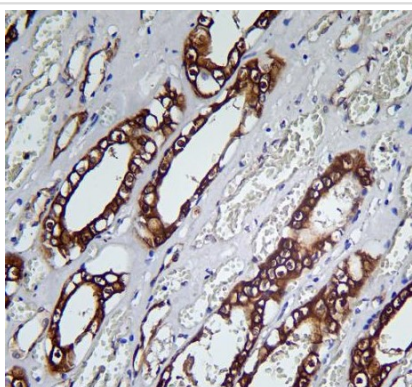


All lanes :STAT1 Rabbit mAb at 1/1k dilution

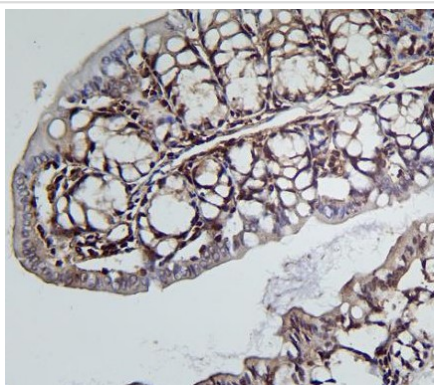
Lane 1 : Wild-type HAP1 cell lysate

Lane 2 : STAT1 knockdown HAP1 cell lysate

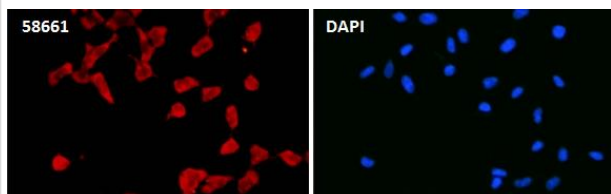
Lysates/proteins at 20 µg per lane.



Formalin-fixed, paraffin-embedded human kidney tissue stained for STAT1 using 58661 at 1/100 dilution in immunohistochemical analysis.



Formalin-fixed, paraffin-embedded mouse colon tissue stained for STAT1 using 58661 at 1/100 dilution in immunohistochemical analysis.



Immunocytochemistry/ Immunofluorescence STAT1 antibody (58661) ICC/IF staining of STAT1 in 293T cells. Cells were fixed with 4% Paraformaldehyde permeabilized with 0.1% Triton X-100.

Samples were incubated with 58661 at a working dilution of 1/100. The secondary antibody was Alexa FluorB 647 goat anti rabbit, used at a dilution of 1/500.

Nuclei were counterstained with DAPI.

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.