

STAT1 Antibody

CAB0027

Description

This STAT1 Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	CAB0027
Contents:	20 μ L, 100 μ L Bradford Reagent: 1 vial (2ml)
Category:	Polyclonal Antibody
Synonyms:	CANDF7, IMD31A, IMD31B, IMD31C, ISGF-3, STAT91, STAT1
Clone:	-
Applications:	WB IHC-P ELISA
Conjugation:	Unconjugated
Reactivity:	Human, Mouse, Rat

Antibody Data

Gene ID:	6772
Uniprot:	AB_2756900
Host Species:	Rabbit
Purification:	Affinity purification
Observed MW:	84kDa
Calculated MW:	87kDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.09% Sodium azide, 50% glycerol, pH 7.3.

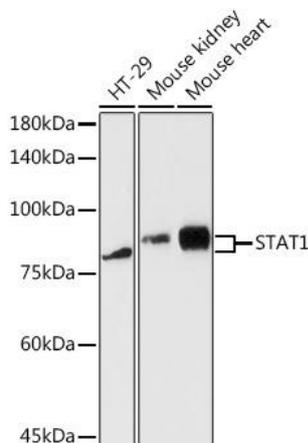
Store Bradford Reagent at Room Temperature for 1 Year.

Positive Sample: HT-29, Mouse kidney, Mouse heart

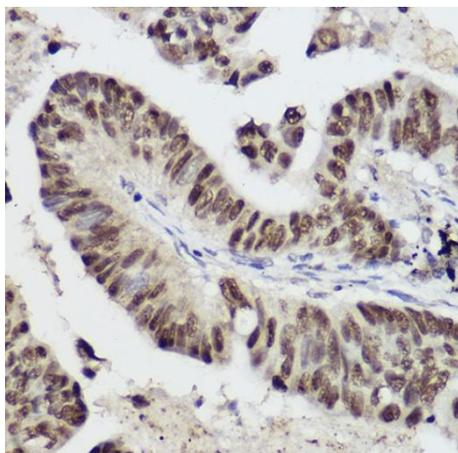
Recommended Dilutions:	WB	1:2000 - 1:6000
	IHC-P	1:50 - 1:200
	ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

Validation Data



Western blot analysis of various lysates using STAT1 Rabbit pAb (CAB0027) at 1:5000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (AbGn00021). Exposure time: 180s.



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using STAT1 Rabbit pAb (CAB0027) at dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.

