

Anti-NFATC3 antibody (1-290) (STJ28749)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

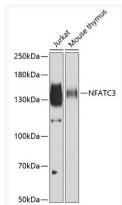
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 116kDa Observed Mw: 150kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

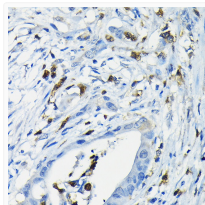
Gene ID	4775
Gene Symbol	NFATC3
UniProt ID	NFAC3_HUMAN
Immunogen Region	1-290
Immunogen Sequence	MTTANCGAHDELDFKLVFGE DGAPAPPPGSRPADLEPDD CASIYIFNVDPSTLTTP CLPHHGLPSHSSVLSPSFQL QSHKNYEGTCEIPESKYSPL GGPKEFCPSIQTSISPN C HQELDAHEDDLQINDPEREF LERPSRDHLYLPLEPSYRES SLSPSPASSISRSWFSDAS SCELSLHIYDDVDSELNEAA ARFTLGSPLTSPGGSPGGCP GEETWHQQYGLGHLSPRQ
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-290 of human NFATC3 (NP_775188.1).

ADDITIONAL INFORMATION

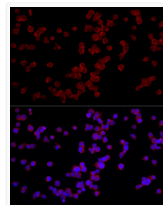
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



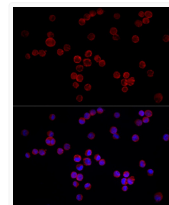
Western blot analysis of extracts of various cell lines, using NFATC3 antibody (STJ28749) at 1:500 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma using NFATC3 rabbit polyclonal antibody (STJ28749) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6. 0 before commencing with immunohistochemistry staining protocol.



Immunofluorescence analysis of Jurkat cells using NFATC3 rabbit polyclonal antibody (STJ28749) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of K-562 cells using NFATC3 rabbit polyclonal antibody (STJ28749) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.