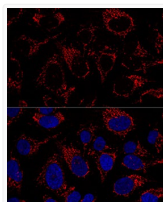
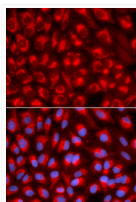


Anti-TFAM antibody (1-220) (STJ25819)

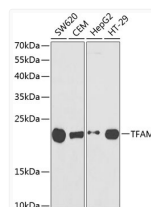
GENERAL INFORMATION		
	Product Type	Primary antibodies
	Applications	WB/IF/ICC/ELISA
	Host / Source	Rabbit
	Reactivity	Human/Mouse/Rat
PRODUCT PROPERTIES		
	Clonality	Polyclonal
	Concentration	Lot specific
	Conjugation	Unconjugated
	Purification	Affinity purification
	Dilution Range	WB:1:500-1:2000 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
	Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
	Isotype	IgG
	Molecular Weight	Protein Mw: 29kDa Observed Mw: 22kDa
	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	7019
	Gene Symbol	TFAM
	UniProt ID	TFAM_HUMAN
	Immunogen Region	1-220
	Immunogen Sequence	MAFLRSMWGVLSALGRSGAE LCTGCGSRLRSPFSFVYLPR WFSSVLASCPKKPVSSYLRF SKEQLPIFKAQNPDAKTTEL IRRIAQRWRELPDSKKKIYQ DAYRAEWQVYKEEISRFKEQ LTPSQIMSLEKEIMDKHLKR KAMTKKKELTLGKPKRPRS AYNVYVAERFQEAKGDSPQE KLKTVKENWKNLSDSEKELY IQHAKEDETRYHNEMKSWEE
	Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-220 of human TFAM (NP_003192.1).
ADDITIONAL INFORMATION		
	Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Confocal immunofluorescence analysis of U2OS cells using TFAM Polyclonal Antibody (STJ25819) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U2OS cells using TFAM antibody (STJ25819). Blue: DAPI for nuclear staining.



Western blot analysis of extracts of various cell lines, using TFAM antibody (STJ25819) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST.