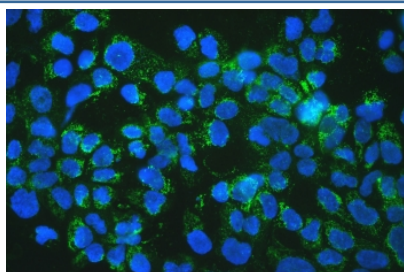


mtTFA Antibody / TFAM / Mitochondrial transcription factor A (R32176)

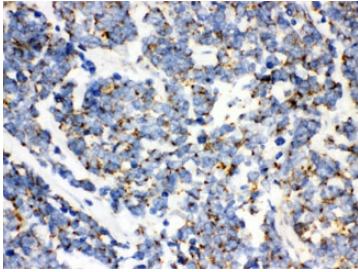
Catalog No.	Formulation	Size
R32176	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

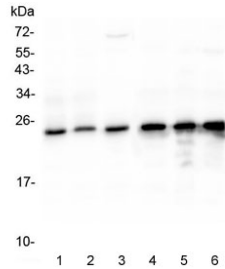
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q00059
Localization	Cytoplasmic
Applications	Western Blot : 0.5-1ug/ml Immunohistochemistry (FFPE) : 2-5ug/ml Immunofluorescence (FFPE) : 5ug/ml Immunoprecipitation : 2ug per 500ug of lysate
Limitations	This mtTFA antibody is available for research use only.



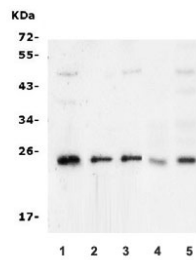
IF/ICC staining of FFPE human A431 cells with mtTFA antibody (green) at 2ug/ml and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



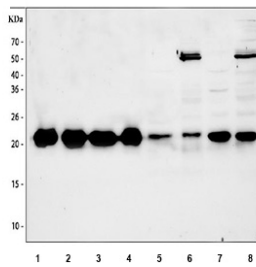
IHC testing of FFPE human lung cancer with mtTFA antibody. HIER: Boil the paraffin sections in pH 6, 10mM citrate buffer for 20 minutes and allow to cool prior to staining.



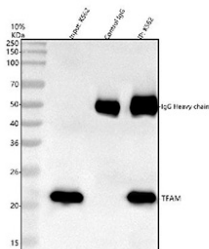
Western blot testing of human 1) Jurkat, 2) A431, 3) HL-60, 4) CCRF-CEM, 5) 293T and 6) SW620 lysate with mtTFA antibody at 0.5ug/ml. Expected molecular weight 24~29 kDa.



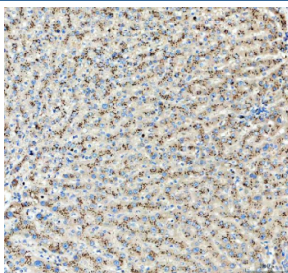
Western blot testing of 1) human Caco-2, 2) human SW620, 3) human PANC-1, 4) rat brain and 5) mouse brain lysate with mtTFA antibody. Expected molecular weight 24~29 kDa.



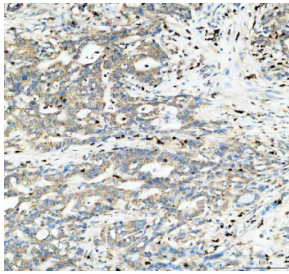
Western blot testing of 1) human 293T, 2) human K562, 3) human Caco-2, 4) human Raji, 5) rat brain, 6) rat PC-12, 7) mouse brain and 8) mouse NIH-3T3 cell lysate with mtTFA antibody. Expected molecular weight 24~29 kDa.



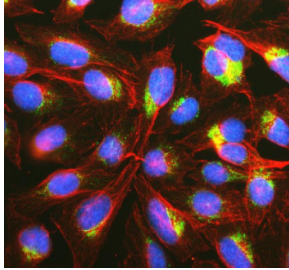
Immunoprecipitation of SMARCAD1 protein from 500ug of human K562 whole cell lysate with 2ug of SMARCAD1 antibody.



IHC staining of FFPE human liver cancer tissue with mtTFA antibody, HRP-labeled secondary and DAB substrate. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human pancreas cancer tissue with mtTFA antibody, HRP-labeled secondary and DAB substrate. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Immunofluorescent staining of FFPE human U-2 OS cells with mtTFA antibody (green), Alpha Tubulin mAb (red) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.