

Anti-MTIF3 Antibody

Catalog # AP60786

Product Information

Application	WB, IHC
Primary Accession	Q9H2K0
Reactivity	Human, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	31725

Additional Information

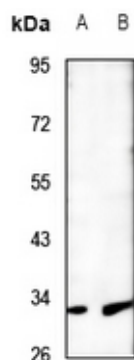
Gene ID	219402
Other Names	Translation initiation factor IF-3 mitochondrial; IF-3(Mt); IF-3Mt; IF3(mt); IF3mt
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human MTIF3. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000), IHC (1/100 - 1/200) IHC~~WB (1/500 - 1/1000), IHC (1/100 - 1/200)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

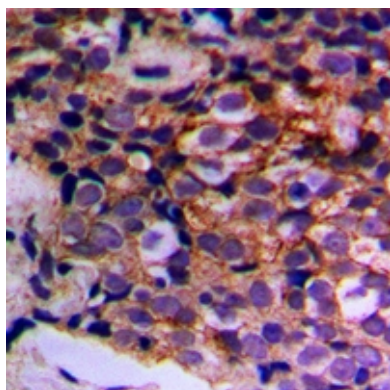
Name	MTIF3
Function	IF-3 binds to the 28S ribosomal subunit and shifts the equilibrium between 55S ribosomes and their 39S and 28S subunits in favor of the free subunits, thus enhancing the availability of 28S subunits on which protein synthesis initiation begins.
Cellular Location	Mitochondrion.

Images

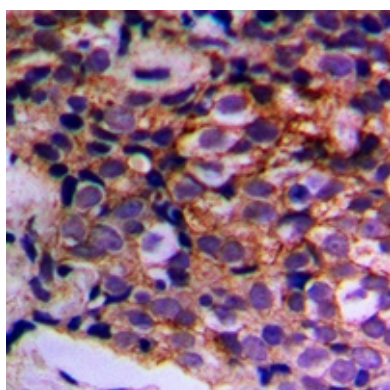
Western blot analysis of MTIF3 expression in HCT116 (A), PC12 (B) whole cell lysates. (Predicted band size: 31 kD;



Observed band size: 32 kD)



Immunohistochemical analysis of MTIF3 staining in human prostate cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.