

Product datasheet for **TA392634**

ATP5PD Rabbit Polyclonal Antibody

Product data:

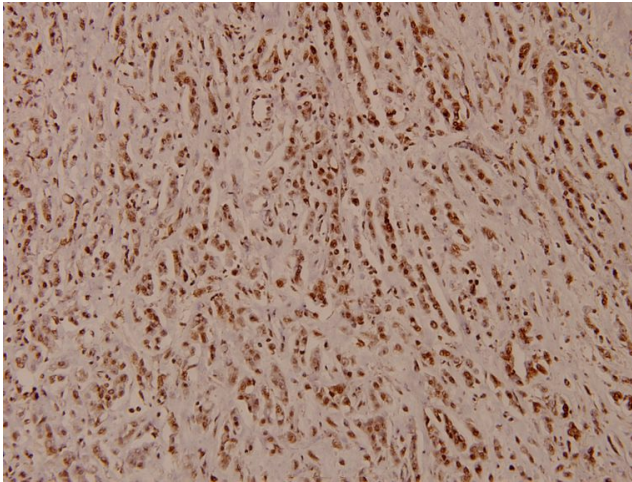
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:500~1:1000 IHC: 1:50~1:200 IP: 1:10~1:100
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide, corresponding to amino acids 121-170 of Human ATP5H.
Specificity:	ATP5H (D146) polyclonal antibody detects endogenous levels of ATP5H protein.
Formulation:	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
Concentration:	1mg/ml
Conjugation:	Unconjugated
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.
Stability:	1 year
Predicted Protein Size:	~ 18 kDa
Gene Name:	ATP synthase, H ⁺ transporting, mitochondrial Fo complex subunit D
Database Link:	Entrez Gene 10476 Human O75947
Background:	ATP5H (ATP synthase, H ⁺ transporting, mitochondrial Fo complex, subunit δ), also known as ATPQ, is a 161 amino acid protein that belongs to the ATPase δ subunit family. F-type ATPases, such as ATP5H, consist of two linked components: CF1, a soluble catalytic core that consists of five different subunits (α , β , γ , δ and ϵ), and CF0, a membrane proton channel that contains nine subunits (α , β , χ , δ , ϵ , ϕ , γ , F6 and 8). ATP5H encodes the δ subunit of the F0 complex. ATP5H produces ATP from ADP in the presence of a proton gradient across the membrane, which is generated by electron transport complexes of the respiratory chain. Localizing to mitochondrial inner membrane,
Synonyms:	ATP5H; ATPase subunit d; ATP synthase subunit d, mitochondrial; ORF Names: My032



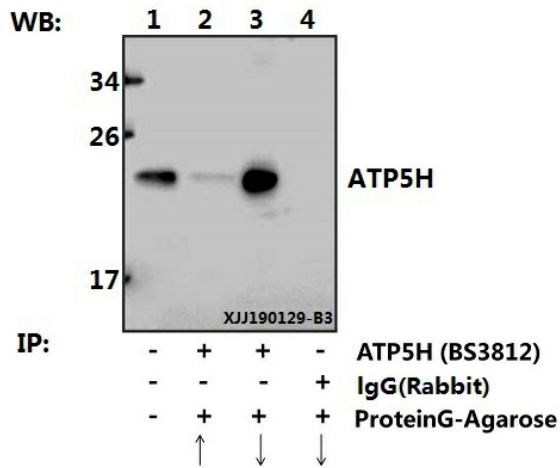
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Note: For research use only, not for use in diagnostic procedure.

Product images:



Immunohistochemistry (IHC) analyzes of ATP5H (D146) pAb in paraffin-embedded human breast carcinoma tissue at 1:100.



Immunoprecipitation of HEK293T cell lysate using ATP5H (D146) polyclonal antibody (Sepharose Bead Conjugate) #BD0048(lane 2 and lane 3) and Nonspecific IgG Control (Sepharose Bead Conjugate) #BD0048 (lane 4).Lane 1 is 30% input.The western blot was probed using ATP5H (D146) #TA392634."↑"supernatant,"↓(deposition"