

Product datasheet for **TA350618S**

MT-CO2 Rabbit Polyclonal Antibody

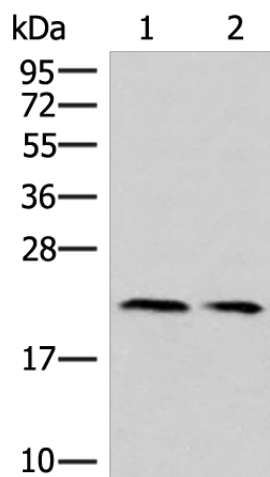
Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 1000-5000 WB positive control: 293T and 231 cell lysates IHC: 50-200 Positive control: Human esophagus cancer Predicted cell location: Cytoplasm
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human MT-CO2
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	26 kDa
Background:	Cytochrome c oxidase is the component of the respiratory chain that catalyzes the reduction of oxygen to water. Subunits 1-3 form the functional core of the enzyme complex. Subunit 2 transfers the electrons from cytochrome c via its binuclear copper A center to the bimetallic center of the catalytic subunit 1.

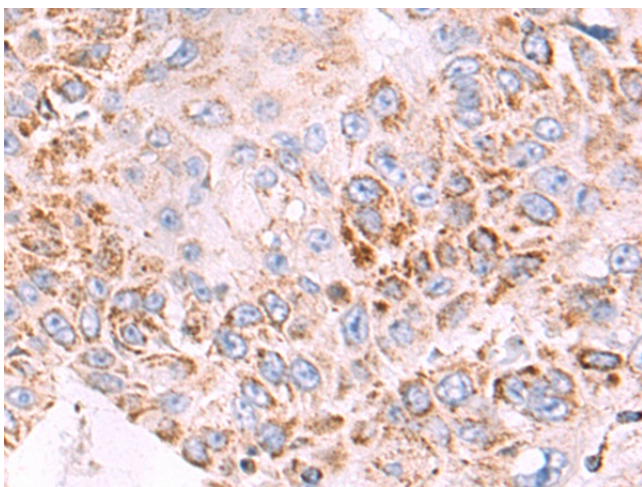


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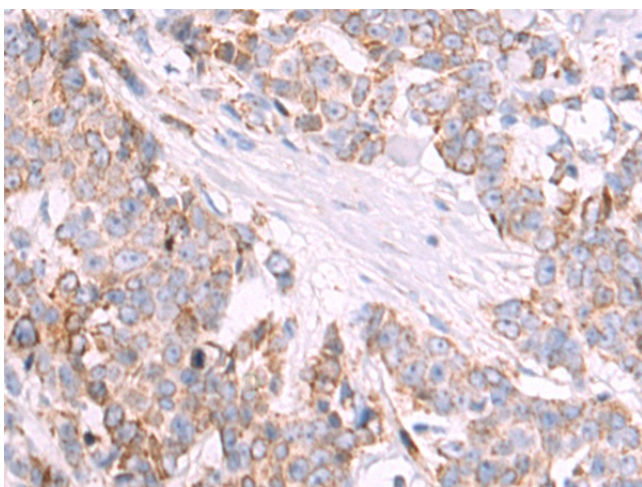
Product images:



Gel: 12%SDS-PAGE
Lysate: 40 µg
Lane 1-2: 293T and 231 cell lysates
Primary antibody: [TA350618] (MT-CO2 Antibody) at dilution 1/600
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 10 seconds



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using [TA350618] (MT-CO2 Antibody) at dilution 1/50. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human breast cancer tissue using [TA350618] (MT-CO2 Antibody) at dilution 1/50. (Original magnification: $\times 200$)