

Recombinant SUCLG1 Monoclonal Antibody

catalog number: **AN302017L**

Note: Centrifuge before opening to ensure complete recovery of vial contents.

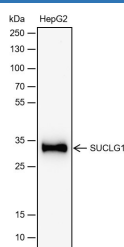
Description

Reactivity	Human;
Immunogen	Peptide. This information is proprietary to PTMab.
Host	Rabbit
Isotype	IgG, κ
Clone	A737
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications Recommended Dilution

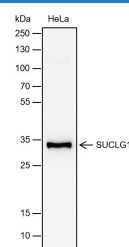
WB	1:500-1:10000
IHC	1:500-1:1000

Data



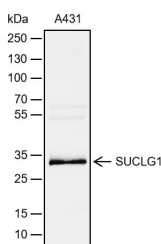
Western Blot with SUCLG1 Monoclonal Antibody at dilution of 1:10000. Lane 1: HepG2

Observed-MW:36-26 kDa
Calculated-MW:36 kDa



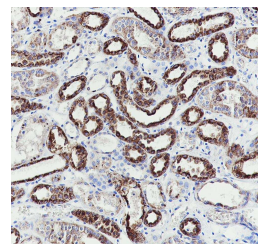
Western Blot with SUCLG1 Monoclonal Antibody at dilution of 1:2000. Lane 1: HeLa

Observed-MW:36-26 kDa
Calculated-MW:36 kDa

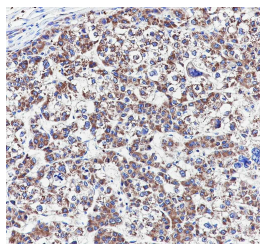


Western Blot with SUCLG1 Monoclonal Antibody at dilution of 1:1000. Lane 1: A431

Observed-MW:36-26 kDa
Calculated-MW:36 kDa



Immunohistochemistry of paraffin-embedded Human kidney using SUCLG1 Monoclonal Antibody at dilution of 1:1000.



Immunohistochemistry of paraffin-embedded Human liver cancer using SUCLG1 Monoclonal Antibody at dilution of 1:1000.

For Research Use Only

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

Succinyl-CoA synthetase α subunit (SUCLG1) catalyzes the conversion of succinate to succinyl-CoA and plays a key role in the citric acid cycle. Deficiency of this enzyme leads to a variety of diseases including fatal infantile lactic acidosis and mitochondrial hepatoencephalomyopathy.

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