DGLUCY Rabbit mAb

Catalog NO.: A27369 Recombinant

Basic Information

Observed MW
Refer to figures

Calculated MW
66kDa

Category
Monoclonal Antibodies

Applications
WB, IHC-P, ELISA

Cross-Reactivity
Human, Mouse

Conjugation
Unconjugated

Clone number
ARC73381

Background

Predicted to enable D-glutamate cyclase activity. Predicted to be involved in glutamate metabolic process. Predicted to be located in mitochondrial matrix.

Recommended Dilutions

WB	1:6500 - 1:26000
IHC-P	1:200 - 1:800

ELISA
Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
80017

Swiss Prot
Q7Z3D6

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms
C14orf159; DGLUCY

Contact

Product Information

order@abclonal.com
service@abclonal.com
www.abclonal.com

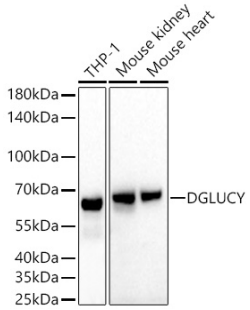
Source
Rabbit

Isotype
IgG

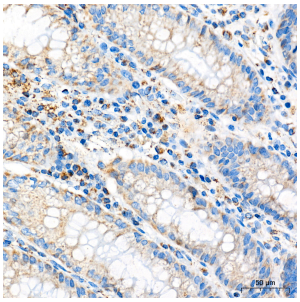
Purification
Affinity purification

Storage
Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS with 0.09% Sodium azide,0.05% BSA,50% glycerol,pH7.3.

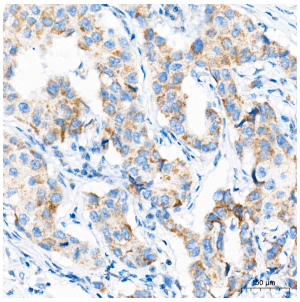
Validation Data



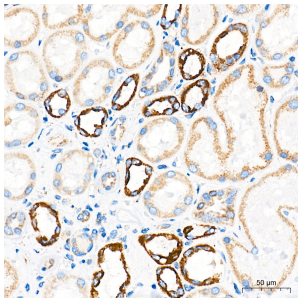
Western blot analysis of various lysates using DGLUCY Rabbit mAb (A27369) at 1:13000 dilution incubated at room temperature for 1.5 hours.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 45s.



Immunohistochemistry analysis of paraffin-embedded Human colon tissue using DGLUCY Rabbit mAb (A27369) at a dilution of 1:600 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human breast cancer tissue using DGLUCY Rabbit mAb (A27369) at a dilution of 1:600 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human kidney tissue using DGLUCY Rabbit mAb (A27369) at a dilution of 1:600 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

For research use only. Not for therapeutic or diagnostic purposes.

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