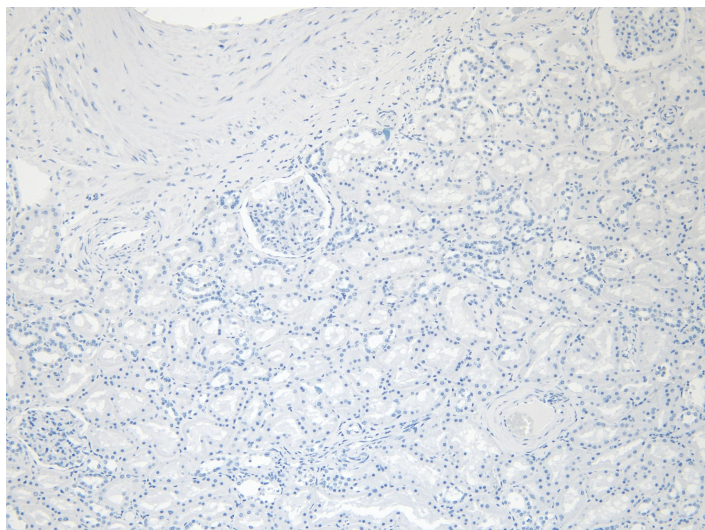


GOAT ANTI-PRODH ANTIBODY

SKU: EB07166



SPECIFICATIONS

Formulation	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Unit Size	100 µg
Storage Instructions	Aliquot and store at -20°C. Minimize freezing and thawing.
Synonym / Alias Names	tumor protein p53 inducible protein 6 proline oxidase 2 proline dehydrogenase (proline oxidase) p53 induced protein Proline oxidase, mitochondrial MGC148079 MGC148078 FLJ33744 TP53I6 SCZD4 PRODH2 PRODH1 PIG6 HSPOX2 proline dehydrogenase (oxidase) 1 PRODH
Accession ID	NP_057419.2
Blocking Peptide	EBP07166
Immunogen	Peptide with sequence C-ERDGS GTNKRDKQYQ, from the internal region of the protein sequence according to NP_057419.2.
Peptide Sequence	C-ERDGS GTNKRDKQYQ
Purification Method	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Shipping Instructions	Refrigerated

Predicted Species	Human, Mouse
Reactive Species	Human
Human Gene ID	5625
Mouse Gene ID	19125
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png
IHC Results	Paraffin embedded Human Kidney. Recommended concentration: 6-7µg/ml.
ELISA	
Detection Limit	Antibody detection limit dilution 1:4000.
Application Type	Pep-ELISA, IHC

SELECTED REFERENCES

[{"pmid": 34085157, "intro": "**This antibody (previous batch) has been successfully used in Western blot on Human:**", "title": "Proline oxidase silencing inhibits p53-dependent apoptosis in MCF-7 breast cancer cells", "author": "Ilona Oscilowska, Thi Y L Huynh, Weronika Baszanowska, Izabela Prokop, Arkadiusz Surazynski, Mauro Galli, Piotr Zabielski, Jerzy Palka", "journal": "Amino Acids. 2021 Dec;53(12):1943-1956."}, {"pmid": 29568391, "intro": "**This antibody (previous batch) has been successfully used in Western blot on Human:**", "title": "Proline oxidase silencing induces proline-dependent pro survival pathways in MCF-7 cells", "author": "Ilona Zareba, Katarzyna Celinska-Janowicz, Arkadiusz Surazynski, Wojciech Miłyk and Jerzy Palka", "journal": "Oncotarget. 2018 Feb 9;9(17):13748-13757"}, {"pmid": 31935820, "intro": "**This antibody (previous batch) has been successfully used in Western blot on Human:**", "title": "Proline-Dependent Induction of Apoptosis in Oral Squamous Cell Carcinoma (OSCC)—The Effect of Celecoxib", "author": "Natalia To?oczko-Iwaniuk, Dorota Dziemianczyk-Pakie?a, Katarzyna Celinska-Janowicz, Ilona Zareba, Agnieszka Klupczynska, Zenon J. Kokot, Beata Klaudia Nowaszewska, Joanna Reszec, Jan Borys and Wojciech Miłyk", "journal": "Cancers 2020, 12(1), 136; <https://doi.org/10.3390/cancers12010136>"}]

DOCUMENTS

- [Data Sheet](#)

GALLERY IMAGES

