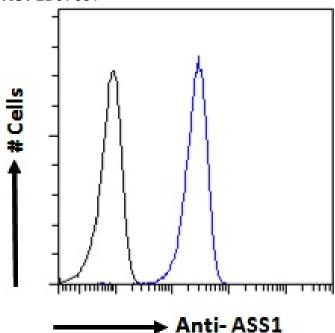
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GOAT ANTI-ARGININOSUCCINATE SYNTHETASE 1 ANTIBODY





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

 $\begin{tabular}{ll} \textbf{Storage} \\ \textbf{Instructions} \end{tabular} A liquot and store at -20 {\rm ^{\circ}C}. \label{eq:liquot} Minimize freezing and thawing}.$

Synonym /

citrulline-aspartate ligase|argininosuccinate synthetase 1|citrulline--aspartate

Names ligase|CTLN1|ASS1|ASS|Argininosuccinate synthetase 1

cells. Recommended concentration: 10ug/ml.

Accession NP_000041.2; NP_446464.1

ID NI_000041.2, NI_440404.1

Blocking EBP07697 Peptide





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Peptide with sequence C-ENPKNQAPPGLYTKTQD, from the internal region of the protein sequence according to **Immunogen**

NP_000041.2; NP_446464.1.

Product The variants represent identical protein (NP_000041.2 and NP_446464.1). **Comments**

Peptide C-ENPKNQAPPGLYTKTQD Sequence

Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using

Method the immunizing peptide.

Shipping Refrigerated Instructions

Predicted

Human, Mouse, Rat, Dog, Cow Species

Reactive

Human, Mouse, Rat **Species**

Human

445 Gene ID

Mouse 11898 Gene ID Rat Gene ID 25698

Product Grade

https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite plus medium.png

In paraffin embedded Human Kidney shows textured cytoplasm staining in PCT. Recommended concentration:

IHC Results

11 Paraffin embedded Human Liver. Recommended concentration: 2.5μg/ml.

ELISA

Detection Antibody detection limit dilution 1:64000.

Limit

Blot

Western

Approx 45kDa band observed in lysates of cell lines A431 and NIH3T3 and approx.48kDa in Human and Rat Kidney and in Mouse Liver lysates (calculated MW of 46.5kDa according to Human NP_000041.2 and Rat NP_037289.1, and 46.6kDa according to Mouse NP_031520.1). Recommended concentration: 0.03-1µg/ml. Primary incubation 1 hour

at room temperature.

Application

Pep-ELISA, WB, IF, FC, IHC Type

SELECTED REFERENCES

[{"pmid": 18948083, "intro": "This antibody has been successfully used in WB and IP on Cow:", "title": "Phosphorylation of argininosuccinate synthase by protein kinase A.", "author": "Corbin KD, Pendleton LC, Solomonson LP, Eichler DC.", "journal": "Biochem Biophys Res Commun. 2008 Dec 26;377(4):1042-6."}]

GALLERY IMAGES



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