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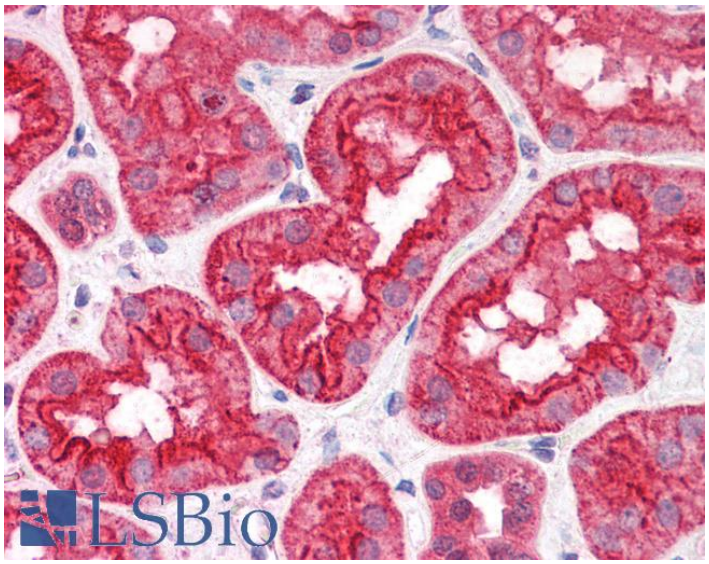
GOAT ANTI-CGI58 / ABHD5 ANTIBODY

SKU: EB07657



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	NCIE2|MGC8731|IECN2|CDS|bhydrolase domain containing 5|aCGI58|CGI58 protein|ABHD5
Usage Summary	Immunofluorescence: Strong expression of the protein seen in the nuclei and cytoplasm/ vesicles of U2OS cells. Recommended concentration: 10µg/ml.
Accession ID	NP_057090.2
Blocking Peptide	EBP07657
Immunogen	Peptide with sequence C-FPERPDLADQDR, from the internal region of the protein sequence according to NP_057090.2.
Product Comments	This antibody is not expected to cross-react with ABHD4.
Peptide Sequence	C-FPERPDLADQDR

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, Rat, Dog
Reactive Species	Human, Mouse
Human Gene ID	51099
Mouse Gene ID	67469
Rat Gene ID	316122
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_plus_medium.png
IHC Results	Paraffin embedded Human Pancreas and Kidney. Recommended concentration: 3.75µg/ml.
ELISA Detection Limit	Antibody detection limit dilution 1:16000.
Western Blot	Approx 40kDa band observed in lysates of cell lines NIH3T3/3TL (calculated MW of 39.1kDa according to NP_057090.2). Additional faint bands of 26kDa and 18kDa were also observed, and were successfully blocked by incubation with the immunizing peptide. Recommended concentration: 0.2-0.6µg/ml Primary incubation 1 hour at room temperature.
Application Type	Pep-ELISA, WB, IF, IHC

SELECTED REFERENCES

[{"pmid": 21426973, "intro": "**This antibody has been successfully used in Western blot on Cow:**", "title": "Coordination of lipid droplet-associated proteins during the transition period of Holstein dairy cows.", "author": "Koltes DA, Spurlock DM.", "journal": "J Dairy Sci. 2011 Apr;94(4):1839-48."}]

DOCUMENTS

- Data Sheet

GALLERY IMAGES

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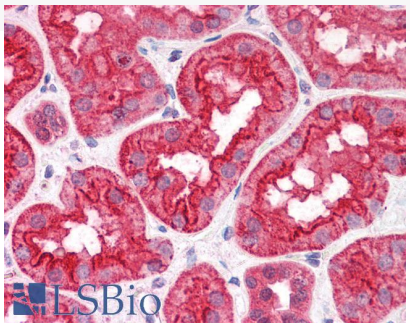

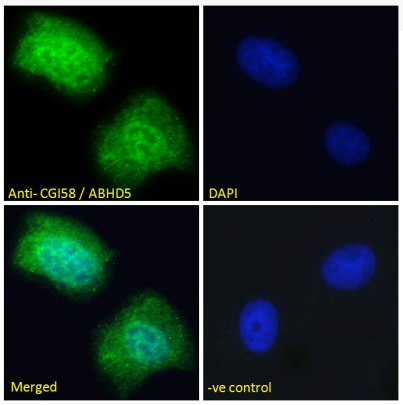

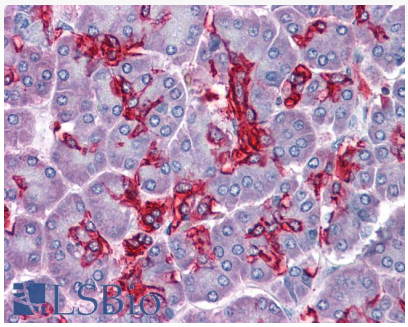

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