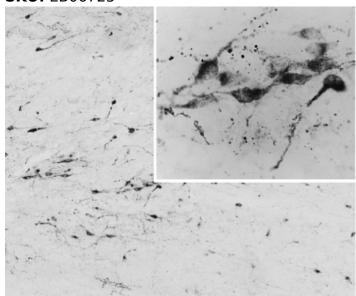




GOAT ANTI-AGRP / AGOUTI-RELATED PROTEIN ANTIBODY

SKU: EB06725



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**

agouti related protein homolog|MGC118963|Agouti-related transcript, mouse, homolog of|agouti (mouse) related protein|agouti related protein homolog (mouse)|ASIP2|AGRT|ART|AGRP

Names **Accession**

NP_001129.1; NP_015531.1

Blocking Peptide

ID

EBP06725

Immunogen

Peptide with sequence CRKLGTAMNPCSRT, from the C Terminus of the protein sequence according to NP 001129.1; NP 015531.1.

Product Comments

This antibody is expected to recognise both reported isoforms (as represented by NP 001129; NP 015531)

Peptide Sequence

CRKLGTAMNPCSRT





Email: customerservice@vectorlabs.com

Telephone: <u>(650)</u> 697-3600

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

Method using the immunizing peptide.

Shipping Instructions

Refrigerated

Predicted

Species

Human, Dog, Pig

Reactive Species

Human

Human

Gene ID

Product Grade

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

IHC Results

Frozen section of Human Hypothalamus shows staining of a group of neuronal cell bodies in the human infundibular (arcuate) nucleus and their varicose axons. Recommended concentration: 0.05-0.1µg/ml.

ELISA

Detection

Antibody detection limit dilution 1:32000.

Limit Western

Blot

Preliminary experiments gave bands at approx 45kDa and 24kDa in Human Brain lysates after 0.1µg/ml antibody staining. Thiese bands were successfully blocked by incubation with the immunizing peptide. Primary

incubation 1 hour at room temperature. Please note that we cannot currently find an explanation in the

literature given the calculated size of 14.4kDa according to NP_001129.1and NP_015531.1.

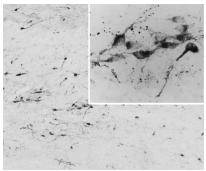
Application Type

Pep-ELISA, IHC

SELECTED REFERENCES

[{"pmid": 25084101, "intro": "This antibody has been successfully used as a specificity control in the following paper:", "title": "Colocalization of Cocaine- and Amphetamine-Regulated Transcript with Kisspeptin and Neurokinin B in the Human Infundibular Region", "author": "Katalin Skrapits, Beáta Á Borsay, László Herczeg, Philippe Ciofi, Stephen R Bloom, Mohammad A Ghatei, Waljit S Dhillo, Zsolt Liposits, Erik Hrabovszky", "journal": "PLoS One. 2014 Aug 1;9(8):e103977."}]

GALLERY IMAGES







Email: customerservice@vectorlabs.com

Telephone: (650) 697-3600