



Telephone: (650) 697-3600



GOAT ANTI-AP2A1 (AA706-727) ANTIBODY

SKU: EB11875



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

plasma membrane adaptor HA2/AP2 adaptin alpha A subunit| clathrin-associated/assembly/adaptor protein, large, alpha 1| clathrin assembly protein complex 2 alpha-A large chain| alpha1-adaptin| alpha-adaptin A| adaptor protein complex AP-2 subunit alpha-1| adaptin, alpha A| adapter-related protein complex 2 alpha-1 subunit| AP-2 complex subunit alpha-1| 100 kDa coated vesicle protein A| CLAPA1| AP2-ALPHA| ADTAA|

adaptor-related protein complex 2, alpha 1 subunit|AP2A1

Accession ID

NP_055018.2

Blocking Peptide

EBP11875

Immunogen

Peptide with sequence C-ELEPPAPESPMALLADPAPAAD, from the internal region of the protein sequence according to NP_055018.2.

Product

Comments

This antibody is expected to recognize reported isoform 1 (NP 055018.2) only.

Peptide Sequence

C-ELEPPAPESPMALLADPAPAAD

Method

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

using the immunizing peptide.

Refrigerated

Shipping

Instructions

Predicted Species

Human, Mouse, Rat, Pig, Cow





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Reactive

Human

Species Human

160

Gene ID

Mouse

11771 Gene ID

Rat Gene ID 308578

Product

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

IHC Results Paraffin embedded Human Brain (Cerebellum). Recommended concentration: 5-7µg/ml.

FLISA

Detection Antibody detection limit dilution 1:128000.

Limit

Western Approx 110kDa band observed in Human Brain (Frontal cortex) lysates (calculated MW of 108kDa according to

Blot NP_055018.2). Recommended concentration: 0.03-0.1µg/ml. Primary incubation was 1 hour.

Application **Type**

Pep-ELISA, WB, IHC

SELECTED REFERENCES

[{"pmid": 35314489, "intro": "This antibody (previous batch) has been successfully used in IF on Human:", "title": "Retrograde transport of CDMPR depends on several machineries as analyzed by sulfatable nanobodies.", "author": "Dominik P Buser, Gaétan Bader, Martin Spiess", "journal": "Life Sci Alliance. 2022 Jul; 5(7): e202101269."}, {"pmid": 31331834, "intro": "This antibody (previous batch) has been successfully used in Western blot on Human:", "title": "Quantitative proteomics reveals reduction of endocytic machinery components in gliomas", "author": "Dominik Pascal Buser, Marie-Françoise Ritz, Suzette Moes; Cristobal Tostado, Stephan Frank, Martin Spiess, Luigi Mariani, Paul Jenö, Jean-Louis Boulay, Gregor Hutter", "journal": "https://doi.org/10.1016/j.ebiom.2019.07.039"}]

GALLERY IMAGES

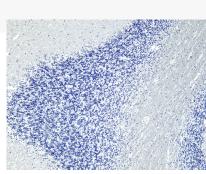








250kDa 150kDa 100kDa 75kDa



50kDa

37kDa

25kDa

20kDa

15kDa