ProSci

prosci-inc.com

HIGH PERFORMANCE ANTIBODIES ... AND MORE

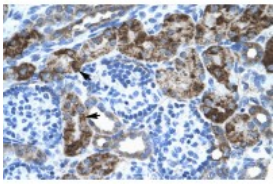
ProSci Incorporated
12170 Flint Place
Poway, CA 92064

Toll Free: +1 (888) 513 9525
Local: +1 (858) 513 2638
Fax: +1 (858) 513 2692

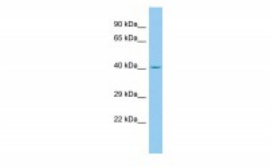
techsupport@prosci-inc.com

EN2 Antibody

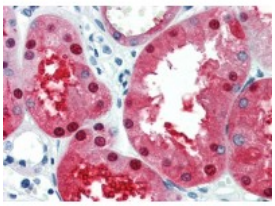
CATALOG NUMBER: 27-327



Antibody used in IHC on Human kidney at 4.0-8.0 ug/ml.



Antibody used in WB on Human cerebellum at 0.05 ug/ml.



Antibody used in IHC on Human Kidney.

Specifications

SPECIES REACTIVITY:	Human, Mouse, Rat
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	EN2 antibody can be used for detection of EN2 by ELISA at 1:62500. EN2 antibody can be used for detection of EN2 by western blot at 0.5 ug/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.
USER NOTE:	Optimal dilutions for each application to be determined by the researcher.
POSITIVE CONTROL:	1) Cat. No. 1304 - Human Liver Tissue Lysate
PREDICTED MOLECULAR WEIGHT:	34 kDa
IMMUNOGEN:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human EN2.
HOST SPECIES:	Rabbit

Properties

PURIFICATION:	Antibody is purified by peptide affinity chromatography method.
PHYSICAL STATE:	Lyophilized
BUFFER:	Antibody is lyophilized in PBS buffer with 2% sucrose. Add 50 uL of distilled water. Final antibody concentration is 1 mg/mL.
CONCENTRATION:	1 mg/ml
STORAGE CONDITIONS:	For short periods of storage (days) store at 4˚C. For longer periods of storage, store EN2 antibody at -20˚C. As with any antibody avoid repeat freeze-thaw cycles.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	EN2, AUTS1, AUTS10,
ACCESSION NO.:	NP_001418
PROTEIN GI NO.:	7710121
OFFICIAL SYMBOL:	EN2

GENE ID:	2020

Background

BACKGROUND:	Homeobox-containing genes are thought to have a role in controlling development. The human engrailed homologs 1 and 2 encode homeodomain-containing proteins and have been implicated in the control of pattern formation during development of the central nervous system.Homeobox-containing genes are thought to have a role in controlling development. In Drosophila, the 'engrailed' (en) gene plays an important role during development in segmentation, where it is required for the formation of posterior compartments. Different mutations in the mouse homologs, En1 and En2, produced different developmental defects that frequently are lethal. The human engrailed homologs 1 and 2 encode homeodomain-containing proteins and have been implicated in the control of pattern formation during development of the central nervous system. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
REFERENCES:	1) Wang, L., Am. J. Med. Genet. B Neuropsychiatr. Genet. 147B (4), 434-438.

FOR RESEARCH USE ONLY

December 12, 2016