

METRIN Rabbit pAb

METRN Rabbit pAb

Catalog # AP54659

Product Information

Application	WB
Primary Accession	Q9UJH8
Reactivity	Mouse
Predicted	Rat, Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	31207
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human METRN
Epitope Specificity	101-200/293
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Secreted.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Meteorin is a secreted protein belonging to the Meteorin family that contains 293 amino acids and promotes axonal extension, axonal network formation and regulates glial cell differentiation. Expressed in radial glia and undifferentiated neural progenitors of the central and peripheral nervous system, Meteorin is encoded by a gene located on human chromosome 16, which encodes over 900 genes and comprises nearly 3% of the human genome. The GAN (Gigaxonin) gene is located on chromosome 16 and, with mutation, may lead to giant axonal neuropathy, a nervous system disorder characterized by increasing malfunction with growth. The rare disorder Rubinstein-Taybi syndrome is also associated with chromosome 16, as is Crohn's disease, which is a gastrointestinal inflammatory condition.

Additional Information

Gene ID	79006
Other Names	Meteorin, METRN, C16orf23
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

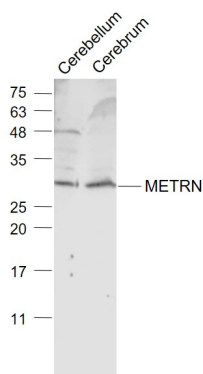
Protein Information

Name	METRN
Synonyms	C16orf23
Function	Involved in both glial cell differentiation and axonal network formation during neurogenesis. Promotes astrocyte differentiation and transforms cerebellar astrocytes into radial glia. Also induces axonal extension in small and intermediate neurons of sensory ganglia by activating nearby satellite glia (By similarity).
Cellular Location	Secreted.

Background

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Images



Sample:
Cerebellum (Mouse) Lysate at 40 ug
Cerebrum (Mouse) Lysate at 40 ug
Primary: Anti- METRN (AP54659) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 29 kD
Observed band size: 29 kD

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.