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2810405K02Rik antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI13481

Product Information

Application	WB
Primary Accession	Q9DB60
Other Accession	NM_025582, NP_079858
Reactivity	Human, Mouse, Rat, Dog, Guinea Pig, Horse, Bovine
Predicted	Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	21670

Additional Information

Gene ID	66469
Alias Symbol	Fam213b, PM/PGFS, AI836168, RP23-15L19.6, 2810405K02Rik
Other Names	Prostamide/prostaglandin F synthase, Prostamide/PG F synthase, Prostamide/PGF synthase, 1.11.1.20, Fam213b
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-2810405K02Rik antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	2810405K02Rik antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

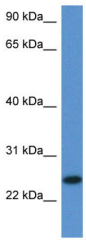
Name	Prxl2b
Synonyms	Fam213b {ECO:0000312|MGI:MGI:1913719}
Function	Catalyzes the reduction of prostaglandin-ethanolamide H(2) (prostamide H(2)) to prostamide F(2alpha) with NADPH as proton donor. Also able to reduce prostaglandin H(2) to prostaglandin F(2alpha).
Cellular Location	Cytoplasm, cytosol.
Tissue Location	Mainly present in brain and spinal cord. In spinal cord, present in the superficial layer of the dorsal horn, in motor neurons of the ventral horn and

in glia of the white matter of the spinal cord. In brain, expressed preferentially in the white matter bundles of the entire CNS of adult with less marked expression in neuronal cell bodies. Colocalizes with MBP in myelin sheaths but not in axons. Localizes to myelin sheaths (at protein level)

References

Carninci P.,et al.Science 309:1559-1563(2005).
Church D.M.,et al.PLoS Biol. 7:E1000112-E1000112(2009).
Moriuchi H.,et al.J. Biol. Chem. 283:792-801(2008).
Yoshikawa K.,et al.Brain Res. 1367:22-32(2011).

Images



WB Suggested Anti-2810405K02Rik Antibody Titration: 1.0 µg/ml
Positive Control: Mouse Thymus

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