

2810405K02Rik antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI13481**Specification**

2810405K02Rik antibody - middle region - Product Information

Application	WB
Primary Accession	Q9DB60
Other Accession	NM_025582 , NP_079858
Reactivity	Human, Mouse, Rat, Horse, Bovine, Guinea Pig, Dog
Predicted Host	Mouse
Clonality	Rabbit
Calculated MW	Polyclonal 22kDa KDa

2810405K02Rik antibody - middle region - 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.

2810405K02Rik antibody - middle region - 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.

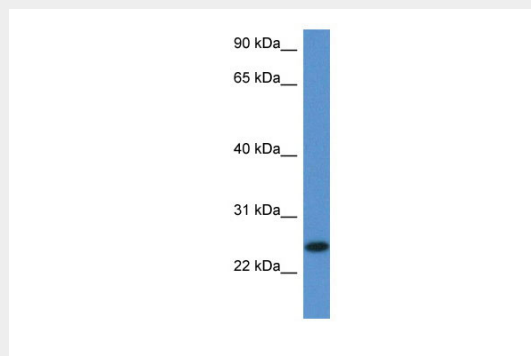
Tissue Location

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)

2810405K02Rik antibody - middle region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

2810405K02Rik antibody - middle region - Images

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

2810405K02Rik antibody - middle region - 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).