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SKOR2 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21005c

Product Information

Application	WB, IF, E
Primary Accession	Q2VWA4
Reactivity	Human, Mouse
Predicted	Rat, Bovine, Canine, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB51023
Calculated MW	105809

Additional Information

Gene ID	652991
Other Names	SKI family transcriptional corepressor 2, Functional Smad-suppressing element on chromosome 18, Fussel-18, LBX1 corepressor 1-like protein, Ladybird homeobox corepressor 1-like protein, SKOR2, CORL2, FUSSEL18
Target/Specificity	This SKOR2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 741-775 amino acids from the C-terminal region of human SKOR2.
Dilution	WB~~1:2000 IF~~1:2000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	SKOR2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	SKOR2 (HGNC:32695)
Synonyms	CORL2, FUSSEL18
Function	Has transcriptional corepressor activity. In the developing cerebellum, it

	down-regulates BMP signaling resulting in up-regulation of SHH expression in Purkinje cells and promoting their early differentiation. It is also involved in regulating the proliferation of cerebellar granule cell precursors.
Cellular Location	Nucleus. Cytoplasm
Tissue Location	Expressed in cerebellum, spinal cord and testis. Isoform 2 is present in cerebellum (at protein level)

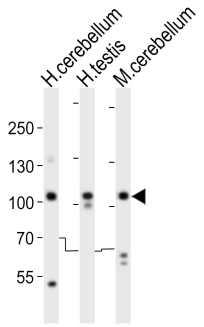
Background

Exhibits transcriptional repressor activity (By similarity). Acts as a TGF-beta antagonist in the nervous system.

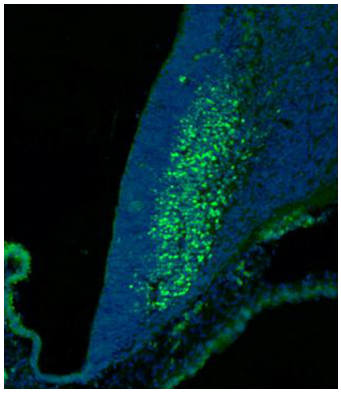
References

Arndt S.,et al.Lab. Invest. 85:1330-1341(2005).
Nusbaum C.,et al.Nature 437:551-555(2005).

Images



Western blot analysis of lysates from human cerebellum, human testis, mouse cerebellum tissue lysate (from left to right), using SKOR2 Antibody (C-term)(Cat. #AP21005c). AP21005c was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 20ug per lane.



AP21005c staining SKOR2 in mouse cerebellum at embryonic stage 12.5 sections by Immunohistochemistry (IHC-P - 4%paraformaldehyde-fixed, cryopreserved in 30% sucrose/1X PBS for 30 hours, and then cut at a cryotome). Tissue was fixed with formaldehyde and blocked with 3% BSA for 0.5 hour at room temperature. Samples were incubated with primary antibody (1/2000) for 1 hours at 37°C.Immunofluorescence image showing purkinje cell neurons staining on mouse cerebellum tissue.The nuclear counter stain is DAPI (blue).

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