

SKOR2 Rabbit pAb

Catalog # AP98324

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q2VWA4
Other Accession	Q2VWA4
Reactivity	Rat, Mouse
Predicted	Human, Dog, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	105809
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human SKOR2
Epitope Specificity	871-970/1001
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the SKI family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	The sloan kettering virus (Ski) family of nuclear oncoproteins act as transcriptional regulators of TGF- β by interacting directly with SMAD proteins. Fussel-18 (functional Smad-suppressing element on chromosome 18), also known as SKOR2 (Ski family transcriptional corepressor 2), LBX1 corepressor 1-like protein, ladybird homeobox corepressor 1-like protein or CORL2, is a 1,001 amino acid protein that belongs to the Ski family. Localizing to nucleus as well as cytoplasm, Fussel-18 is expressed in cerebellum, spinal cord and testis. Fussel-18 acts as an antagonist to TGF- β in the nervous system, possibly by functioning as a transcriptional repressor of SMAD2 and SMAD3. Existing as two alternatively spliced isoforms, the gene encoding Fussel-18 maps to human chromosome 18q21.1 and mouse chromosome 18 E3.

Additional Information

Gene ID	652991
Other Names	CH18515; CORL2; FUSSEL18; SKOR2_HUMAN; SKOR2; Functional Smad-suppressing element on chromosome 18 (Fussel-18); LBX1 corepressor 1-like protein; Ladybird homeobox corepressor 1-like protein; SKI family transcriptional corepressor 2; functional smad suppressing element 18
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
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	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)

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