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IL-17RD Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP58040

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q8NFM7
Reactivity	Rat, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	82411

Additional Information

Gene ID	54756
Other Names	Interleukin-17 receptor D, IL-17 receptor D, IL-17RD, IL17Rhom, Interleukin-17 receptor-like protein, Sef homolog, hSef, IL17RD, IL17RLM, SEF
Dilution	WB=1:500-2000,Elisa=1:500-1000,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	IL17RD
Synonyms	IL17RLM, SEF
Function	Feedback inhibitor of fibroblast growth factor mediated Ras- MAPK signaling and ERK activation (PubMed:12807873, PubMed:12958313). Regulates the nuclear ERK signaling pathway by spatially blocking nuclear translocation of activated ERK without inhibiting cytoplasmic phosphorylation of ERK (PubMed:15239952). Mediates JNK activation and may be involved in apoptosis (By similarity). May inhibit FGF-induced FGFR1 tyrosine phosphorylation (By similarity). Might have a role in the early stages of fate specification of GnRH-secreting neurons (By similarity). Inhibits TGFB-induced epithelial-to-mesenchymal transition in lens epithelial cells (By similarity).
Cellular Location	Golgi apparatus membrane; Single-pass type I membrane protein. Cell membrane; Single-pass type I membrane protein. Note=Predominantly associated with the Golgi apparatus and is partially translocated to the plasma membrane upon stimulation

Tissue Location	Expressed in umbilical vein endothelial cells and in several highly vascularized tissues such as kidney, colon, skeletal muscle, heart and small intestine. Highly expressed in ductal epithelial cells of salivary glands, seminal vesicles and the collecting tubules of the kidney. Isoform 1 is also highly expressed in both fetal and adult brain, pituitary, tonsils, spleen, adenoids, fetal kidney, liver, testes and ovary. Isoform 1 is also expressed at moderate levels in primary aortic endothelial cells and adrenal medulla, and at low levels in adrenal cortex. Isoform 4 is specifically and highly expressed in pituitary, fetal brain and umbilical vein endothelial cells.

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