

Grem1 Antibody - middle region

Rabbit Polyclonal Antibody

Catalog # AI14165

Product Information

Application	WB
Primary Accession	O35793
Other Accession	NM_019282 , NP_062155
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Goat, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Goat, Dog, Guinea Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	20680

Additional Information

Gene ID	50566
Alias Symbol	Cktsf1b1, drm
Other Names	Gremlin-1, Cysteine knot superfamily 1, BMP antagonist 1, Down-regulated in Mos-transformed cells protein, Grem1, Cktsf1b1, Drm
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-Grem1 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	Grem1 Antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	Grem1
Synonyms	Cktsf1b1, Drm
Function	Cytokine that may play an important role during carcinogenesis and metanephric kidney organogenesis, as a BMP antagonist required for early limb outgrowth and patterning in maintaining the FGF4-SHH feedback loop. Down-regulates the BMP4 signaling in a dose-dependent manner (By similarity). Antagonist of BMP2; inhibits BMP2-mediated differentiation of osteoblasts (in vitro) (By similarity). Acts as inhibitor of monocyte chemotaxis (PubMed: 15528323). Can inhibit the growth or viability of normal cells but not

transformed cells when is overexpressed.

Cellular Location

Secreted.

Tissue Location

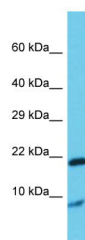
Highly expressed in the brain, kidney, spleen, and testis and weakly expressed in the lung and liver. Predominantly expressed in differentiated cells as neurons in brain, type I cells in lung and goblet cells in intestine.

References

Topol L.Z.,et al.Mol. Cell. Biol. 17:4801-4810(1997).

Chen B.,et al.J. Immunol. 173:5914-5917(2004).

Images



Host: Rabbit

Target Name: Grem1

Sample Tissue: Rat Testis lysates

Antibody Dilution: 1.0µg/ml

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