

CAB18863

Product Information

Product SKU:	CAB18863	Gene ID:	20423	Size:	20uL, 100uL
Clone No:	-	Host Species:	Rabbit	Reactivity:	Human,Mouse,Rat

Additional Information

Observed MW:	45kDa	Conjugate:	-
Calculated MW:	48kDa	Isotype:	IgG

Immunogen Information

Background: Enables glycosaminoglycan binding activity; laminin-1 binding activity; and patched binding activity. Involved in several processes, including hematopoietic or lymphoid organ development; positive regulation of T cell activation; and regulation of smooth muscle cell differentiation. Acts upstream of or within several processes, including animal organ development; limb morphogenesis; and neurogenesis. Located in several cellular components, including cell surface; extracellular space; and membrane raft. Is expressed in several structures, including alimentary system; central nervous system; genitourinary system; limb bud; and sensory organ. Used to study brachydactyly type A1 and holoprosencephaly 3. Human ortholog(s) of this gene implicated in several diseases, including Hirschsprung's disease; holoprosencephaly (multiple); hypoplastic or aplastic tibia with polydactyly; middle cerebral artery infarction; and polydactyly. Orthologous to human SHH (sonic hedgehog signaling molecule).

Recommended Dilution: WB,1:500 - 1:1000

Synonyms: Hx; Dsh; Hhg1; Hxl3; ShhNC; M100081; 9530036O11Rik; SHH

Purification Method: Affinity purification

Immunogen: Recombinant fusion protein containing a sequence corresponding to amino acids 187-281 of mouse SHH (NP_033196.1).

Storage: Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.