

Anti-Smo antibody



Description	Rabbit polyclonal to Smo.
Model	STJ95710
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human Smo
Immunogen Region	40-120 aa, N-terminal
Gene ID	6608
Gene Symbol	SMO
Dilution range	WB 1:500-1:2000ELISA 1:10000
Specificity	Smo Polyclonal Antibody detects endogenous levels of Smo protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Smoothened homolog SMO Protein Gx
Molecular Weight	50 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG

Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:111190MIM:601500
Alternative Names	Smoothened homolog SMO Protein Gx
Function	G protein-coupled receptor that probably associates with the patched protein (PTCH) to transduce the hedgehog's proteins signal. Binding of sonic hedgehog (SHH) to its receptor patched is thought to prevent normal inhibition by patched of smoothened (SMO). Required for the accumulation of KIF7, GLI2 and GLI3 in the cilia . Interacts with DLG5 at the ciliary base to induce the accumulation of KIF7 and GLI2 at the ciliary tip for GLI2 activation .
Cellular Localization	Membrane Cell projection, cilium

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