

# Product Datasheet

## Smoothened Antibody NB100-55397

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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**NB100-55397**

## Smoothened Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris (pH 7.3), 0.5% BSA

Product Description	
Host	Goat
Gene ID	6608
Gene Symbol	SMO
Species	Human
Reactivity Notes	Predicted cross-reactivity based on sequence identity: Mouse, Rat, Canine, Zebrafish.
Immunogen	Peptide with sequence C-QSDDEPKRIKKS corresponding to internal region according to NP_005622.1.

Product Application Details	
Applications	Western Blot, Peptide ELISA
Recommended Dilutions	Western Blot 0.1 - 0.3 ug/ml, Peptide ELISA Detection limit 1:1000
Application Notes	WB: Approx. 60 kDa band observed in human bone marrow lysates (calculated MW of 86.4 kDa band according to NP_005622.1). The observed molecular weight corresponds to earlier findings with NB100-55392, a product of different design reacting to a different part of the same protein.

**Publications**

Taipale J, Cooper MK, Maiti T, Beachy PA. Patched acts catalytically to suppress the activity of Smoothened. Nature 2002-08-22 [PMID: 12192414]





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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