

# Product Datasheet

## HES-4 Antibody NBP2-42517

Unit Size: 0.1 mg

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

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**NBP2-42517**

## HES-4 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 saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Description	Novus Biologicals Goat HES-4 Antibody (NBP2-42517) is a polyclonal antibody validated for use in WB and ELISA. Anti-HES-4 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	57801
Gene Symbol	HES4
Species	Human
Specificity/Sensitivity	This antibody is expected to recognize isoform 1 (NP_001135939.1) only.
Immunogen	Peptide with sequence C-RSAAEHRKVGSRP corresponding to internal region according to NP_001135939.1.

Product Application Details	
Applications	Western Blot, Peptide ELISA
Recommended Dilutions	Western Blot 1 - 3 ug/ml, Peptide ELISA Detection limit 1:128000
Application Notes	WB: Approx. 24 kDa band observed in HepG2 nuclear lysates (calculated MW of 26.1 kDa band according to NP_001135939.1).

**Images**

Western Blot: HES-4 Antibody [NBP2-42517] - Analysis of HepG2 nuclear lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

250kDa  
150kDa  
100kDa  
75kDa  
50kDa  
37kDa  
25kDa  
20kDa  
15kDa

**Publications**

El Yakoubi W, Borday C, Hamdache J et al. Hes4 Controls Proliferative Properties of Neural Stem Cells During Retinal Ontogenesis. Stem Cells 2012-12-01 [PMID: 22969013]



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### **Products Related to NBP2-42517**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

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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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