

HOXB5 Polyclonal Antibody

Catalog NumberPA5-35898

Product data sheet

Details		Species Reactivity	
Size	100 µL	Species reactivity	Human
Host/Isotope	Rabbit / IgG	Published species	Not Applicable
Class	Polyclonal	Tested Applications	
Type	Antibody	Immunoprecipitation (IP)	1:100-1:500
Immunogen	Recombinant fragment corresponding to a region within amino acids 18 and 205 of HOXB5	Western Blot (WB)	1:500-1:3,000
Conjugate	Unconjugated	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Form	Liquid		
Concentration	1 mg/mL		
Purification	Antigen affinity chromatography		
Storage buffer	PBS, pH 7, with 20% glycerol		
Contains	0.025% ProClin 300		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

Product specific information

Recommended positive controls: HepG2 WCE and NE. Predicted reactivity: Mouse (97%), Rat (97%). Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

Background/Target Information

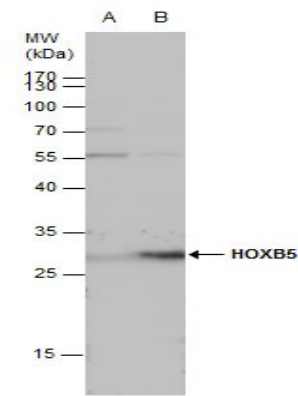
The Hox proteins are a family of transcription factors that play a role in development and cellular differentiation by regulating downstream target genes. Specifically, the Hox proteins direct DNA-protein and protein-protein interactions that assist in determining the morphologic features associated with the anterior-posterior body axis. Hox proteins are involved in controlling axial patterning, leukemias and hereditary malformations. HoxB5 (homeobox protein Hox-B5), also known as HOX2, HU-1, HOX2A, Hox2.1 or HHO.C10, is a member of the Antp homeobox (Hox) family. It is a 269 amino acid long nuclear protein expressed in the central nervous system. HoxB5 contains one homeobox DNA-binding domain and plays a role in the regulation of lung and gut development, providing cells with positional identities on the anterior-posterior body axis.

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Product Images For HOXB5 Polyclonal Antibody

HOXB5 Antibody (PA5-35898) in WB

HOXB5 Polyclonal Antibody detects HOXB5 protein by western blot analysis. A. 30 µg HepG2 whole cell extract. B. 30 µg HepG2 nuclear extract. 12 % SDS-PAGE. HOXB5 Polyclonal Antibody (Product # PA5-35898) dilution: 1:500.



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