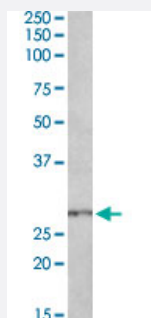


HOXB9 polyclonal antibody

Catalog # PAB27580

Size 100 ug

Applications



Western Blot (Tissue lysate)

HOXB9 polyclonal antibody (Cat # PAB27580) (0.3ug/ml) staining of mouse spinal cord lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of HOXB9.
Immunogen	A synthetic peptide corresponding to internal region of human HOXB9.
Sequence	CEGSEDKERPDQTN
Host	Goat
Theoretical MW (kDa)	27
Reactivity	Dog, Human, Mouse
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:4000) Western Blot (0.3-1 ug/ml) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.02% sodium azide, 0.5% BSA)

Storage Instruction

Store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

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Gene Info — HOXB9

Entrez GeneID[3219](#)**Protein Accession#**[NP_076922.1](#)**Gene Name**

HOXB9

Gene Alias

HOX-2.5, HOX2, HOX2E

Gene Description

homeobox B9

Omim ID[142964](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene is a member of the Abd-B homeobox family and encodes a protein with a homeobox DNA-binding domain. It is included in a cluster of homeobox B genes located on chromosome 17. The encoded nuclear protein functions as a sequence-specific transcription factor that is involved in cell proliferation and differentiation. Increased expression of this gene is associated with some cases of leukemia, prostate cancer and lung cancer. [provided by RefSeq]

Other Designations

homeo box 2E|homeo box B9

Disease

- [Genetic Predisposition to Disease](#)
- [Hip Dislocation](#)