

Datasheet for ABIN2779854

anti-HOXB13 antibody (Middle Region)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	HOXB13
Binding Specificity:	Middle Region
Reactivity:	Mouse, Rat, Rabbit, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HOXB13 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of mouse HOXB13
Sequence:	GYFGGGYYSC RVSRSCLKPC AQTAALATYP SETPAPGEEY PSRPTEFAFY
Predicted Reactivity:	Guinea Pig: 79%, Horse: 79%, Mouse: 100%, Rabbit: 79%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against HOXB13. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	HOXB13
Alternative Name:	HOXB13 (HOXB13 Products)

Target Details

Background:	HOXB13 belongs to the homeobox family. The homeobox genes encode a highly conserved family of transcription factors that play an important role in morphogenesis in all multicellular organisms. Mammals possess four similar homeobox gene clusters, HOXA, HOXB Protein Interaction Partner: Otx2, Dlx5, Dlx1, Alx4, Meis1, Protein Size: 286
Molecular Weight:	31 kDa
Gene ID:	15408
NCBI Accession:	NM_008267 , NP_032293
UniProt:	P70321

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 286 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-HOXB13 Antibody Titration:
1.25ug/ml ELISA Titer: 1:312500 Positive Control: Human Prostate