

Datasheet for ABIN2779853

## anti-HOXB13 antibody (N-Term)



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1 Publication

### Overview

Quantity:	100 µL
Target:	HOXB13
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Rabbit, Guinea Pig
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 n terminal region of mouse Hoxb13
Sequence:	MEPGNYATLD GAKDIEGLLG AGGGRNLVSH SSPLASHPAA PTLMP TVNYA
Predicted Reactivity:	Guinea Pig: 85%, Human: 79%, Mouse: 100%, Rabbit: 79%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against Hoxb13. It was validated on Western Blot.
Purification:	Affinity Purified

### Target Details

Target:	HOXB13
Alternative Name:	Hoxb13 ( <a href="#">HOXB13 Products</a> )
Background:	Hoxb13 is a sequence-specific transcription factor which is part of a developmental regulatory

## Target Details

system that provides cells with specific positional identities on the anterior-posterior axis.

Alias Symbols: -

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

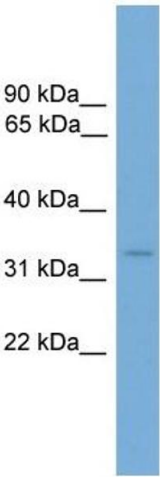
Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

## Publications

Product cited in: Nishimura, Mitne-Neto, Silva, Oliveira, Vainzof, Zatz: "A novel locus for late onset amyotrophic lateral sclerosis/motor neurone disease variant at 20q13." in: **Journal of medical genetics**, Vol.

41, Issue 4, pp. 315-20, (2004) ([PubMed](#)).

Images



Western Blotting

**Image 1.** WB Suggested Anti-Hoxb13 Antibody Titration:  
0.2-1 ug/ml Positive Control: Mouse Thymus