

**Product Name: HOXB4 Rabbit Monoclonal Antibody**  
**Catalog #: AMRe02112**

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## Summary

|                        |                                  |
|------------------------|----------------------------------|
| <b>Production Name</b> | HOXB4 Rabbit Monoclonal Antibody |
| <b>Description</b>     | Rabbit Monoclonal antibody       |
| <b>Host</b>            | Rabbit                           |
| <b>Application</b>     | WB, ICC/IF, IP                   |
| <b>Reactivity</b>      | Human                            |

## Performance

|                     |                                                                                                      |
|---------------------|------------------------------------------------------------------------------------------------------|
| <b>Conjugation</b>  | Unconjugated                                                                                         |
| <b>Modification</b> | Unmodified                                                                                           |
| <b>Isotype</b>      | IgG                                                                                                  |
| <b>Clonality</b>    | Monoclonal                                                                                           |
| <b>Form</b>         | Liquid                                                                                               |
| <b>Storage</b>      | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.             |
| <b>Buffer</b>       | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein |
| <b>Purification</b> | Affinity Purification                                                                                |

## Immunogen

|                          |                                                                                          |
|--------------------------|------------------------------------------------------------------------------------------|
| <b>Gene Name</b>         | HOXB4                                                                                    |
| <b>Alternative Names</b> | HOXB4; HOX2F; Homeobox protein Hox-B4; Homeobox protein Hox-2.6; Homeobox protein Hox-2F |
| <b>Gene ID</b>           | 3214                                                                                     |
| <b>SwissProt ID</b>      | P17483.                                                                                  |

## Application

|                         |                                            |
|-------------------------|--------------------------------------------|
| <b>Dilution Ratio</b>   | WB: 1:500-1:1000 IF: 1:50-1:200 IP: 1:20   |
| <b>Molecular Weight</b> | Calculated MW: 28 kDa; Observed MW: 34 kDa |

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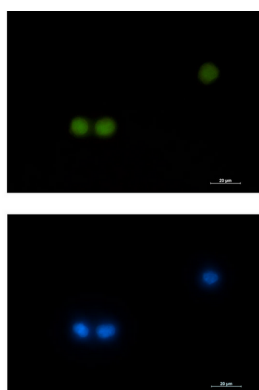
## Background

Sequence-specific transcription factor which is part of a developmental regulatory system that provides cells with specific positional identities on the anterior-posterior axis.

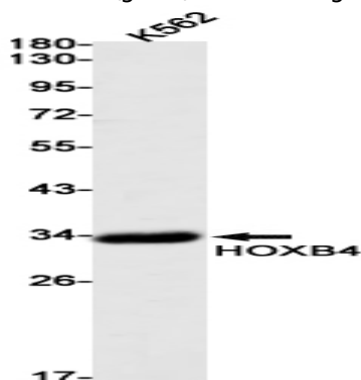
## Research Area

Epigenetics and Nuclear Signaling

## Image Data



Immunocytochemistry analysis of HOXB4 (green) in K562 using HOXB4 antibody, and DAPI (blue).



Western blot analysis of HOXB4 in K562 lysates using HOXB4 antibody.

## Note

For research use only.