

## Product datasheet

# Anti-LMO2 antibody ab16132

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### Overview

<b>Product name</b>	Anti-LMO2 antibody
<b>Description</b>	Sheep polyclonal to LMO2
<b>Host species</b>	Sheep
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Full length protein (Human).

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: 0.08% Sodium azide Constituent: PBS
<b>Purity</b>	Ammonium Sulphate Precipitation
<b>Purification notes</b>	Purified by ammonium sulphate precipitation. This antibody is provided as a 0.2µm sterile filtered solution.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

Our [Abpromise guarantee](#) covers the use of **ab16132** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1 - 10 µg/ml. Predicted molecular weight: 18 kDa.

### Target

<b>Function</b>	Acts with TAL1/SCL to regulate red blood cell development. Also acts with LDB1 to maintain erythroid precursors in an immature state.
<b>Involvement in disease</b>	Note=A chromosomal aberration involving LMO2 may be a cause of a form of T-cell acute lymphoblastic leukemia (T-ALL). Translocation t(11,14)(p13;q11) with TCRD.
<b>Sequence similarities</b>	Contains 2 LIM zinc-binding domains.
<b>Domain</b>	The second LIM zinc-binding domain interacts with KDM5A.
<b>Cellular localization</b>	Nucleus.

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