

Product datasheet

Anti-SP110 antibody ab55337

2 Images

Overview

<b>Product name</b>	Anti-SP110 antibody
<b>Description</b>	Mouse monoclonal to SP110
<b>Tested applications</b>	<b>Suitable for:</b> WB, IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Recombinant fragment, corresponding to amino acids 271-381 of Human SP110

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: None PBS, pH 7.2
<b>Purity</b>	Protein G purified
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG2a
<b>Light chain type</b>	kappa

Applications

Our [Abpromise guarantee](#) covers the use of **ab55337** 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		
IHC-P		

<b>Application notes</b>	WB: Use at a concentration of 1-5 µg/ml. IHC-P: Use at a concentration of 3 µg/ml.
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Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

## Target

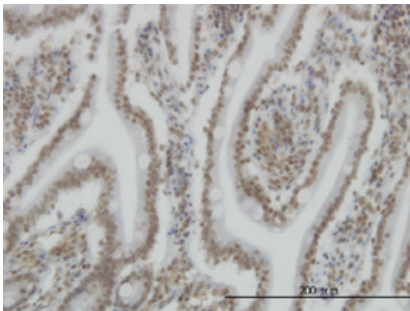
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<b>Function</b>	Transcription factor. May be a nuclear hormone receptor coactivator. Enhances transcription of genes with retinoic acid response elements (RARE).
<b>Tissue specificity</b>	Highly expressed in peripheral blood leukocytes and spleen. Detected at intermediate levels in thymus, prostate, testis, ovary, small intestine and colon, and at low levels in heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas.
<b>Involvement in disease</b>	Defects in SP110 are the cause of hepatic venoocclusive disease with immunodeficiency (VODI) [MIM:235550]. VODI is an autosomal recessive primary immunodeficiency associated with hepatic vascular occlusion and fibrosis. The immunodeficiency is characterized by severe hypogammaglobulinemia, combined T and B cell immunodeficiency, absent lymph node germinal centers, and absent tissue plasma cells.
<b>Sequence similarities</b>	Contains 1 bromo domain. Contains 1 HSR domain. Contains 1 PHD-type zinc finger. Contains 1 SAND domain.
<b>Post-translational modifications</b>	Phosphorylated (isoform 2).
<b>Cellular localization</b>	Nucleus. Found in the nuclear body.

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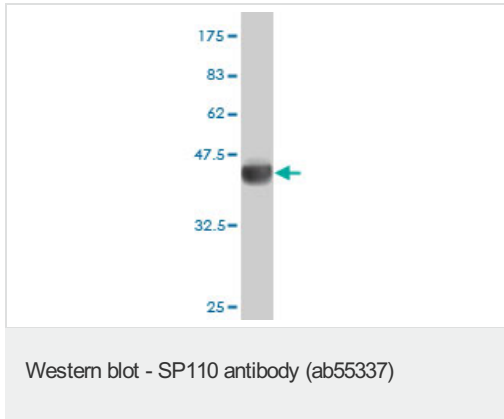
## Images

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SP110 antibody (ab55337) used in immunohistochemistry at 3ug/ml on formalin fixed and paraffin embedded human small Intestine.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - SP110 antibody (ab55337)



**Predicted band size : 79 kDa**

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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