

Datasheet for ABIN2780261

**anti-SP110 antibody (Middle Region)**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µL
Target:	SP110
Binding Specificity:	Middle Region
Reactivity:	Human, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SP110 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human SP110
Sequence:	LKAYCHPQSS FFTGIPFNIR DYGEPPQEAM WLDLVKERLI TEMYTVAWFV
Predicted Reactivity:	Horse: 75%, Human: 100%
Characteristics:	This is a rabbit polyclonal antibody against SP110. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	SP110
Alternative Name:	SP110 ( <a href="#">SP110 Products</a> )

## Target Details

Background:	<p>The nuclear body is a multiprotein complex that may have a role in the regulation of gene transcription. SP110 is a member of the SP100/SP140 family of nuclear body proteins and is a leukocyte-specific nuclear body component. The protein can function as an activator of gene transcription and may serve as a nuclear hormone receptor coactivator. In addition, it has been suggested that the protein may play a role in ribosome biogenesis and in the induction of myeloid cell differentiation. The nuclear body is a multiprotein complex that may have a role in the regulation of gene transcription. This gene is a member of the SP100/SP140 family of nuclear body proteins and encodes a leukocyte-specific nuclear body component. The protein can function as an activator of gene transcription and may serve as a nuclear hormone receptor coactivator. In addition, it has been suggested that the protein may play a role in ribosome biogenesis and in the induction of myeloid cell differentiation. Alternative splicing has been observed for this gene and three transcript variants, encoding distinct isoforms, have been identified.</p> <p>Alias Symbols: FLJ22835, IFI41, IFI75, VODI, IPR1</p> <p>Protein Interaction Partner: UBC, CEBPA, OSGEP, TSC22D1, TTR, TK1, SMN1, CDKN1A, ANXA7, ZSCAN9, NAP1L2, RUNX3, NDUFV2,</p> <p>Protein Size: 713</p>
Molecular Weight:	81 kDa
Gene ID:	3431
NCBI Accession:	<a href="#">NM_080424</a> , <a href="#">NP_536349</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 713 AA
Restrictions:	For Research Use only

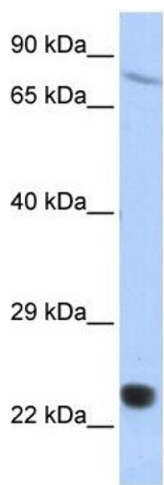
## Handling

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

Handling

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.

Images



**Western Blotting**

**Image 1.** WB Suggested Anti-*S*Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: HepG2 cell lysate