

Datasheet for ABIN2779834

**anti-ESX Homeobox 1 antibody (N-Term)**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µL
Target:	ESX Homeobox 1 (ESX1)
Binding Specificity:	N-Term
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ESX Homeobox 1 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 ESX1
Sequence:	MESHKKCPCC YCTDLKTFVG AVKEETLQDP QPSLSSTLLE GADYQENAES
Predicted Reactivity:	Mouse: 100%
Characteristics:	This is a rabbit polyclonal antibody against ESX1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

## Target Details

Target:	ESX Homeobox 1 (ESX1)
Alternative Name:	ESX1 ( <a href="#">ESX1 Products</a> )

## Target Details

Background:	<p>ESX1 is a homeobox gene related to the mouse Esx1 homeobox gene. ESX1 is expressed during all stages of placental development and is localized to sparse areas of trophoblast in terminal villi in association with cytotrophoblastic cells. Proteolytic processing of ESX1 plays a role in concerted regulation of the cell cycle and transcription in human cells.</p> <p>Alias Symbols: Spx1</p> <p>Protein Size: 314</p>
Molecular Weight:	35 kDa
Gene ID:	13984
NCBI Accession:	<a href="#">NM_007957</a> , <a href="#">NP_031983</a>
UniProt:	<a href="#">O54817</a>

## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Antigen size: 314 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.



**Western Blotting**

**Image 1.** WB Suggested Anti-ESX1 Antibody Titration:  
2.5ug/ml ELISA Titer: 1:1562500 Positive Control: Human Testis