

Datasheet for ABIN2786607  
**anti-UNC45A antibody (Middle Region)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µL
Target:	UNC45A
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Rabbit, Cow, Guinea Pig, Horse, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UNC45A antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human UNC45A
Sequence:	REIASTLMES EMMEILSVLA KGDHSPVTRA AAACLDKAVE YGLIQPNQDG
Predicted Reactivity:	Cow: 85%, Dog: 93%, Guinea Pig: 86%, Horse: 86%, Human: 100%, Mouse: 93%, Rabbit: 79%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against UNC45A. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	UNC45A
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## Target Details

Alternative Name:	UNC45A ( <a href="#">UNC45A Products</a> )
Background:	<p>UNC45A plays a role in cell proliferation and myoblast fusion, binds progesterone receptor (PGR, MIM 607311) and HSP90 (HSPCA, MIM 140571), and acts as a regulator of the progesterone receptor chaperoning pathway.</p> <p>Alias Symbols: FLJ10043, GC-UNC45, IRO039700, SMAP-1, SMAP1, GCUNC45, GCUNC-45</p> <p>Protein Interaction Partner: KRTAP10-3, MARCH10, MID2, HUWE1, MEOX2, MAX, CDC37, FAM83H, UBC, ACBD3, UGGT1, CSNK1E, CSNK1A1, gag-pol, SMAD9, HSP90AA1, ESR1, WDR5, USP14, USP1, UFD1L, UBE3A, RPA3, TWF1, PSMD13, CSE1L, TXNDC5, UCHL5, UBXN1, FBXO25, CLN3, USP19,</p> <p>Protein Size: 929</p>
Molecular Weight:	102 kDa
Gene ID:	55898
NCBI Accession:	<a href="#">NM_001039675</a> , <a href="#">NP_001034764</a>
UniProt:	<a href="#">A8K6F7</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 929 AA
Restrictions:	For Research Use only

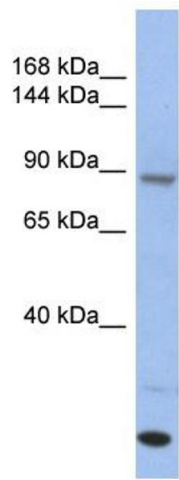
## Handling

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

Handling

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.

Validation report #103654 for Western Blotting (WB)



Western Blotting

**Image 1. WB Suggested Anti-UNC45A Antibody Titration:**

0.2-1 ug/ml

**ELISA Titer:** 1:312500

**Positive Control:** Human Thymus