

Datasheet for ABIN190915

**anti-COL7A1 antibody (Internal Region)**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µg
Target:	COL7A1
Binding Specificity:	Internal Region
Reactivity:	Rat
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This COL7A1 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

## Product Details

Purpose:	Collagen, type VII
Immunogen:	C-TVQYSDDPRTEF
Sequence:	TVQYSDDPRT EF
Isotype:	IgG
Specificity:	This product does not work on cryostat sections of Normal Human Skin.
Cross-Reactivity:	Dog, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

## Target Details

Target:	COL7A1
Alternative Name:	COL7A1 ( <a href="#">COL7A1 Products</a> )
Background:	Collagen, type VII, collagen, type VII, alpha 1 (epidermolysis bullosa, dystrophic, dominant and recessive), COL7A1, HGNC:2214, EBD1, EBDCT, EBR1, LC collagen, alpha 1 type VII collagen, collagen VII, alpha-1 polypeptide, long chain collagen, collagen, ty
Gene ID:	1294, 12836
NCBI Accession:	<a href="#">NP_000085</a>

## Application Details

Application Notes:	Western Blot: Approx 250 kDa band observed in Rat Testis lysates (calculated MW of 159 kDa according to Rat NP_001100328.1). Recommended concentration: 0.1-1.5 µg/mL. Peptide ELISA: antibody detection limit dilution 1:32000.
Comment:	A customer found this antibody unsuccessful on cryosections of Human Skin.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
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:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

**Image 1.** ABIN190915 (0.5µg/ml) staining of Rat Testis lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.