

Datasheet for ABIN1781972

anti-Cytokeratin 18 antibody (Internal Region)[Go to Product page](#)**2** Images

Overview

Quantity:	100 µg
Target:	Cytokeratin 18 (KRT18)
Binding Specificity:	Internal Region
Reactivity:	Human, Pig
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Cytokeratin 18 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Purpose:	keratin 18
Sequence:	EELDKYWSQQ IE
Isotype:	IgG
Specificity:	Reported variants represent identical protein: NP_000215.1, NP_954657.1.
Cross-Reactivity:	Cow, 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:	Cytokeratin 18 (KRT18)
Alternative Name:	KRT18 (KRT18 Products)
Background:	KRT18, keratin 18, CYK18, K18, CK-18, cell proliferation-inducing gene 46 protein, cell proliferation-inducing protein 46, cytokeratin 18, cytokeratin-18, keratin, type I cytoskeletal 18, keratin-18
Molecular Weight:	Expected molecular weight: 48 kDa
Gene ID:	3875, 16668, 294853
NCBI Accession:	NP_000215
Pathways:	Apoptosis, Caspase Cascade in Apoptosis

Application Details

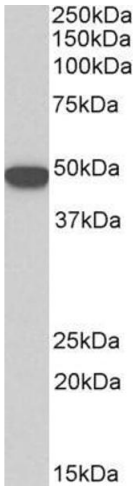
Application Notes:	Immunohistochemistry: Paraffin embedded Human Breast, Placenta and Small Intestine. Recommended concentration: 5 µg/mL. Western Blot: Approx 48 kDa band observed in lysates of cell lines A431, HeLa, MCF7 (calculated MW of 48.1 kDa according to NP_000215.1) and approx 45 kDa in lysates of Pig Liver (calculated MW of 47.4 kDa according to XP_005652636.2). Recommended concentration: 1 µg/mL. Peptide ELISA: antibody detection limit dilution 1:32000.
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.

Images



Western Blotting

Image 1. ABIN1781972 (0.1µg/ml) staining of HeLa lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Western Blotting

Image 2. ABIN1781972 (0.1µg/ml) staining of Pig Liver lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence