

Datasheet for ABIN2775466
anti-KRT20 antibody (Middle Region)



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2 Images

Overview

Quantity:	100 µL
Target:	KRT20
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Pig, Cow, Dog, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KRT20 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human KRT20
Sequence:	DDLTLHKTDL EIQIEELNKD LALLKKEHQE EVDGLHKHLG NTVNVEVDAA
Predicted Reactivity:	Cow: 77%, Dog: 85%, Horse: 85%, Human: 100%, Mouse: 100%, Pig: 86%, Rabbit: 93%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against KRT20. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	KRT20
Alternative Name:	KRT20 (KRT20 Products)

Target Details

Background:	KRT20 is a member of the keratin family. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. The type I cytokeratins consist of acidic proteins which are arranged in pairs of heterotypic keratin chains. This cytokeratin is a major cellular protein of mature enterocytes and goblet cells and is specifically expressed in the gastric and intestinal mucosa. The protein encoded by this gene is a member of the keratin family. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. The type I cytokeratins consist of acidic proteins which are arranged in pairs of heterotypic keratin chains. This cytokeratin is a major cellular protein of mature enterocytes and goblet cells and is specifically expressed in the gastric and intestinal mucosa. The type I cytokeratin genes are clustered in a region of chromosome 17q12-q21. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications. Alias Symbols: CD20, CK20, K20, KRT21, MGC35423, CK-20 Protein Interaction Partner: PIK3R2, KRT15, KRT13, NOTCH2NL, KRTAP10-8, KRTAP10-9, KRTAP10-7, TXLNA, KRT80, KRT40, USHBP1, C9orf16, AMOTL2, TFIP11, NUP62, VIM, UBC, PLEKHA5, PRC1, ZC2HC1C, CCDC85B, ZC3H14, COASY, KRT20, EXOC8, ABI2, EIF4E2, FXR2, ANKRD36BP1, Protein Size: 424
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Molecular Weight:	48 kDa
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Gene ID:	54474
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NCBI Accession:	NM_019010 , NP_061883
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UniProt:	P35900
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Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
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Comment:	Antigen size: 424 AA
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Restrictions:	For Research Use only
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Handling

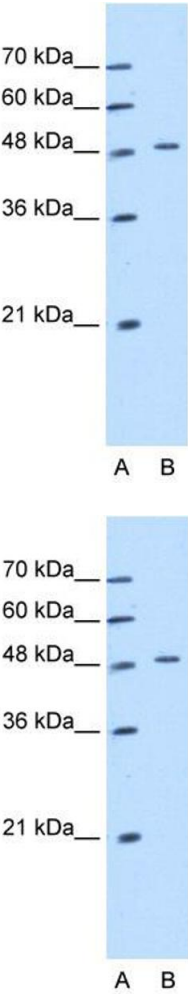
Format:	Liquid
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Concentration:	Lot specific
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Handling

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.

Images



Western Blotting

Image 1. WB Suggested Anti-KRT20

Antibody Titration: 1.25 µg/mL

Positive Control: DLD1 cell lysate

KRT20 is supported by BioGPS gene expression data to be expressed in DLD1

Western Blotting

Image 2. WB Suggested Anti-KRT20 Antibody Titration:

1.25ug/ml Positive Control: DLD1 cell lysate KRT20 is supported by BioGPS gene expression data to be expressed in DLD1