

Datasheet for ABIN2790009

anti-KRT4 antibody (N-Term)

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Quantity:	100 μL
Target:	KRT4
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse, Cow, Dog, Pig, Rabbit, Horse, Sheep
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KRT4 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Sequence:	SGKGGPGFPV CPAGGIQEVT INQSLLTPLH VEIDPEIQKV RTEEREQIKL
Sequence: Predicted Reactivity:	SGKGGPGFPV CPAGGIQEVT INQSLLTPLH VEIDPEIQKV RTEEREQIKL Cow: 100%, Dog: 100%, Horse: 100%, Human: 100%, Mouse: 92%, Pig: 93%, Rabbit: 100%, Rat: 100%, Sheep: 86%
	Cow: 100%, Dog: 100%, Horse: 100%, Human: 100%, Mouse: 92%, Pig: 93%, Rabbit: 100%, Rat:
Predicted Reactivity:	Cow: 100%, Dog: 100%, Horse: 100%, Human: 100%, Mouse: 92%, Pig: 93%, Rabbit: 100%, Rat: 100%, Sheep: 86%
Predicted Reactivity: Characteristics:	Cow: 100%, Dog: 100%, Horse: 100%, Human: 100%, Mouse: 92%, Pig: 93%, Rabbit: 100%, Rat: 100%, Sheep: 86% This is a rabbit polyclonal antibody against KRT4. It was validated on Western Blot.
Predicted Reactivity: Characteristics: Purification:	Cow: 100%, Dog: 100%, Horse: 100%, Human: 100%, Mouse: 92%, Pig: 93%, Rabbit: 100%, Rat: 100%, Sheep: 86% This is a rabbit polyclonal antibody against KRT4. It was validated on Western Blot.
Predicted Reactivity: Characteristics: Purification: Target Details	Cow: 100%, Dog: 100%, Horse: 100%, Human: 100%, Mouse: 92%, Pig: 93%, Rabbit: 100%, Rat: 100%, Sheep: 86% This is a rabbit polyclonal antibody against KRT4. It was validated on Western Blot. Affinity Purified
Predicted Reactivity: Characteristics: Purification: Target Details Target:	Cow: 100%, Dog: 100%, Horse: 100%, Human: 100%, Mouse: 92%, Pig: 93%, Rabbit: 100%, Rat: 100%, Sheep: 86% This is a rabbit polyclonal antibody against KRT4. It was validated on Western Blot. Affinity Purified KRT4

cytokeratins consist of basic or neutral proteins which are arranged in pairs of heterotypic keratin chains coexpressed during differentiation of simple and stratified epithelial tissues. This type II cytokeratin is specifically expressed in differentiated layers of the mucosal and esophageal epithelia with family member KRT13. Mutations in these genes have been associated with White Sponge Nevus, characterized by oral, esophageal, and anal leukoplakia. The type II cytokeratins are clustered in a region of chromosome 12q12-q13.

Alias Symbols: CK4, CYK4, FLJ31692, K4, CK-4

Protein Interaction Partner: KRT40, KRT38, KRT33B, KRT15, KRT13, WWOX, UBASH3B, SHC1,

PIK3R2, GRB2, EPS15, CRK, CUL3, UBC, ATG4B, USP25, USPL1, USP1, UCHL1,

Protein Size: 520

 Molecular Weight:
 56 kDa

 Gene ID:
 3851

 NCBI Accession:
 NM_002272, NP_002263

UniProt: F8VS64

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.	
Comment:	Antigen size: 520 AA	
Restrictions:	For Research Use only	

Handling

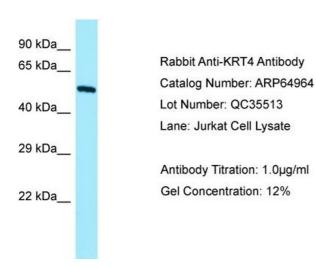
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained 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.

Images



Western Blotting

Image 1.