

Datasheet for ABIN2790009
anti-KRT4 antibody (N-Term)



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Overview

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 CPAGGIQEV T INQSLL TPLH VEIDPEIQKV RTEEREQIKL
Predicted Reactivity:	Cow: 100%, Dog: 100%, Horse: 100%, Human: 100%, Mouse: 92%, Pig: 93%, Rabbit: 100%, Rat: 100%, Sheep: 86%
Characteristics:	This is a rabbit polyclonal antibody against KRT4. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	KRT4
Alternative Name:	KRT4 (KRT4 Products)
Background:	The protein encoded by this gene is a member of the keratin gene family. The type II

Target Details

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

