

Datasheet for ABIN6143011
anti-Cytokeratin 1 antibody (AA 200-450)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	Cytokeratin 1 (KRT1)
Binding Specificity:	AA 200-450
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cytokeratin 1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 200-450 of human Cytokeratin 1 (Cytokeratin 1 (KRT1)) (NP_006112.3).
Sequence:	FLEQQNQVLQ TKWELLQQVD TSTRTHNLEP YFESFINNLR RRVDQLKSDQ SRLDSELKNM QDMVEDYRNK YEDEINKRTN ANEFVTIKK DVDGAYMTKV DLQAKLDNLQ QEIDFLTALY QAELSQMQTQ ISETNVILSM DNNRSLDLDS IIAEVKAQYE DIAQSKAEA ESLYQSKYEE LQITAGRHGD SVRNSKIEIS ELNRVIQRLR SEIDNVKKQI SNLQQSISDA EQRGENALKD AKNKLNDLED A
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

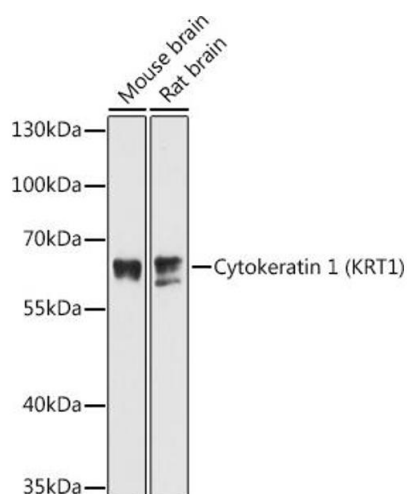
Target:	Cytokeratin 1 (KRT1)
Alternative Name:	KRT1 (KRT1 Products)
Background:	The protein encoded by this gene is a member of the keratin gene family. The type II cytokeratins consist of basic or neutral proteins which are arranged in pairs of heterotypic keratin chains coexpressed during differentiation of simple and stratified epithelial tissues. This type II cytokeratin is specifically expressed in the spinous and granular layers of the epidermis with family member KRT10 and mutations in these genes have been associated with bullous congenital ichthyosiform erythroderma. The type II cytokeratins are clustered in a region of chromosome 12q12-q13.,KRT1,CK1,EHK,EHK1,EPPK,K1,KRT1A,NEPPK,keratin 1,Signal Transduction,Cell Biology & Developmental Biology,Cytoskeleton,Intermediate Filaments,Microtubules,Extracellular Matrix,Cytokeratin,Keratin,Stem Cells,Cardiovascular,Angiogenesis,KRT1
Molecular Weight:	66 kDa
Gene ID:	3848
UniProt:	P04264

Application Details

Application Notes:	WB,1:500 - 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using Cytokeratin 1 (Cytokeratin 1 (KRT1)) antibody (ABIN6127738, ABIN6143011, ABIN6143012 and ABIN6215521) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.