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Datasheet for ABIN7437488

anti-Cytokeratin 18 antibody (AA 1-423)

6 Images

Overview

Quantity:	100 µL
Target:	Cytokeratin 18 (KRT18)
Binding Specificity:	AA 1-423
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cytokeratin 18 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Cytokeratin 18 (CK18)
Immunogen:	Recombinant Cytokeratin 18 (CK18) corresponding to Met1~His423 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against CK18. It has been selected for its ability to recognize CK18 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

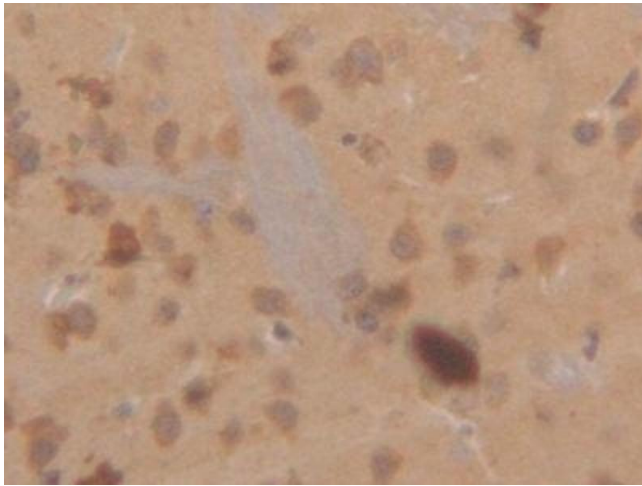
Target:	Cytokeratin 18 (KRT18)
Alternative Name:	Cytokeratin 18 (KRT18 Products)
Background:	KRT18, CYK18, K18, Keratin 18, Cell proliferation-inducing gene 46 protein, Keratin, type I cytoskeletal 18
Pathways:	Apoptosis, Caspase Cascade in Apoptosis

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:350-1400 Immunohistochemistry: 5-20 µg/mL 1:35-140 Immunocytochemistry: 5-20 µg/mL 1:35-140 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

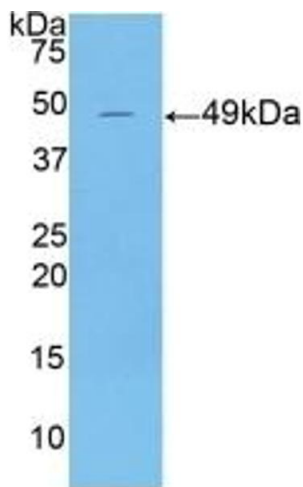
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



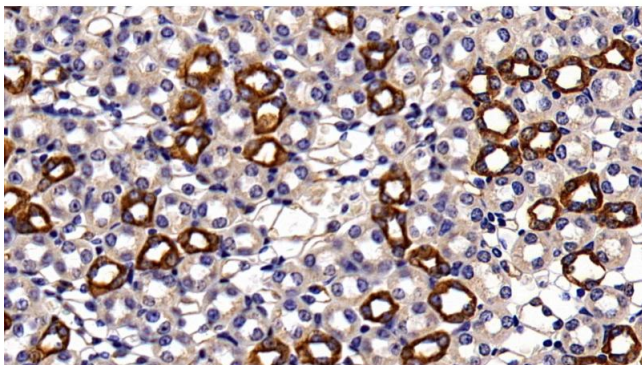
Immunohistochemistry

Image 1. Detection of CK18 in Mouse Cerebrum Tissue using Polyclonal Antibody to Cytokeratin 18 (CK18)



Western Blotting

Image 2. Detection of Recombinant KRT18, Mouse using Polyclonal Antibody to Cytokeratin 18 (CK18)



Immunohistochemistry

Image 3. Detection of CK18 in Mouse Kidney Tissue using Polyclonal Antibody to Cytokeratin 18 (CK18)

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN7437488.