

## KRCC1 antibody

Catalog No: #31993



Package Size: #31993-1 50ul #31993-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

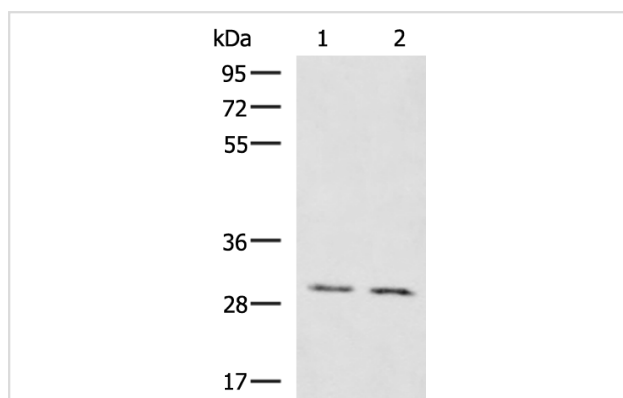
## Description

Product Name	KRCC1 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	WB, IHC
Species Reactivity	Hu, Ms
Immunogen Description	Fusion protein of human KRCC1
Target Name	KRCC1
Other Names	CHBP2
Accession No.	Swiss-Prot#: Q99726NCBI Protein#: BC015927
Calculated MW	31 kDa
Concentration	1.7mg/ml
Formulation	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Storage	Store at -20°C/1 year

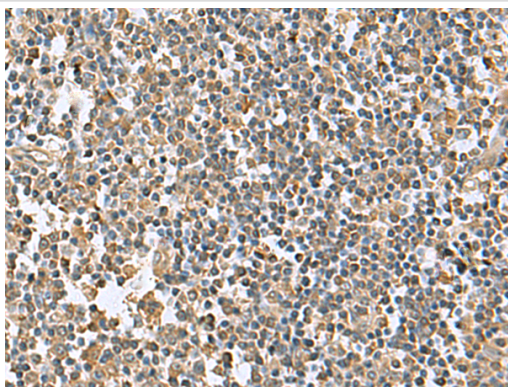
## Application Details

WB dilution:1:500-1:2000IHC dilution:1:100-1:300

## Images



Gel: 8%SDS-PAGE, Lysate: 40 µg, Lane 1-2: Mouse brain tissue, Mouse kidney tissue lysates, Primary antibody:KRCC1 Antibody at dilution 1/1350, Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution, Exposure time: 1 minute



The image is immunohistochemistry of paraffin-embedded Human tonsil tissue using (KRCC1 Antibody) at dilution 1/95.

## Background

KRCC1 (lysine-rich coiled-coil 1), also known as CHBP2 (cryptogenic hepatitis-binding protein 2), is a 259 amino acid protein that is encoded by a gene located on human chromosome 2p11.2. Consisting of 237 million bases, chromosome 2 is the second largest human chromosome and encodes over 1,400 genes. A number of genetic diseases are linked to genes on chromosome 2. Harlequin ichthyosis, a rare and morbid skin deformity, is associated with mutations in the ABCA12 gene. The lipid metabolic disorder sitosterolemia is associated with ABCG5 and ABCG8. An extremely rare recessive genetic disorder, Alström syndrome, is due to mutations in the ALMS1 gene. Interestingly, chromosome 2 contains what appears to be a vestigial second centromere and vestigial telomeres which gives credence to the hypothesis that human chromosome 2 is the result of an ancient fusion of two ancestral chromosomes seen in modern form today in apes.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.