

## BRI3BP Antibody

Catalog No: #43694

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

## Description

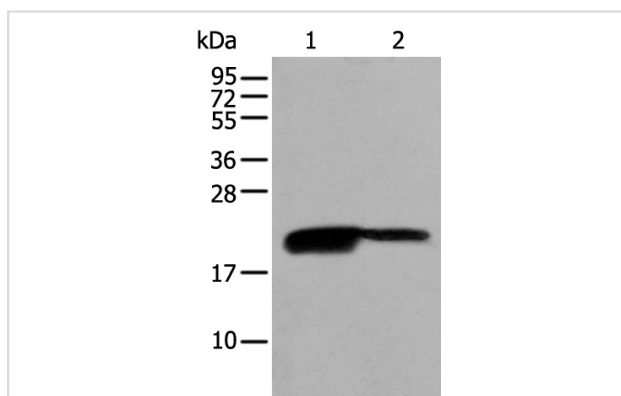
Product Name	BRI3BP Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	IHC WB
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total BRI3BP protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide of human BRI3BP
Target Name	BRI3BP
Other Names	KG19; BNAS1; HCCR-1; HCCR-2; HCCRBP-1
Accession No.	Swiss-Prot#: Q8WY22NCBI Gene ID: 140707
Uniprot	Q8WY22
GeneID	140707;
Calculated MW	28kd
Concentration	1.2mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C

## Application Details

Western blotting: 1:500-2000

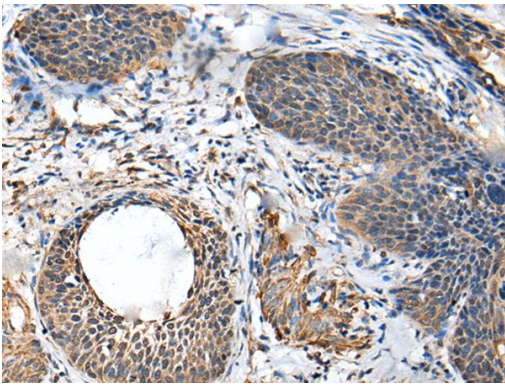
Immunohistochemistry: 1: 30-150

## Images

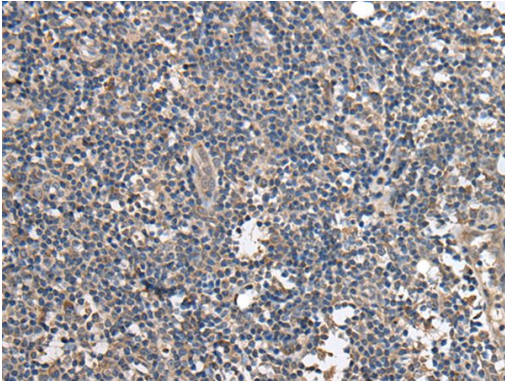


Gel: 12%SDS-PAGE

Lysate: 40 µg, Lane 1-2: RAW264.7 and K562 cell lysates,  
Primary antibody: BRI3BP antibody at dilution 1/500 dilution,  
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution,  
Exposure time: 5 seconds



The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using BRI3BP Antibody at dilution 1/35, on the right is treated with synthetic peptide. (Original magnification: x200)



The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using BRI3BP Antibody at dilution 1/35, on the right is treated with synthetic peptide. (Original magnification: x200)

## Background

BRI3BP (BRI3 binding protein), also known as BNAS1, HCCR-1, I3-binding protein or cervical cancer 1 proto-oncogene-binding protein KG19, is a 251 amino acid multi-pass membrane protein. Though widely expressed, BRI3BP is found at highest levels in brain, kidney and liver where it localizes to the endoplasmic reticulum (ER) and is involved in ER structural dynamics and mitochondrial viability. Possessing pro-apoptotic properties and the ability to potentiate drug-induced apoptosis, BRI3BP overexpression has been shown to enhance caspase-3 and mitochondrial cytochrome c release in etoposide-treated human embryonic kidney 293T cells.

Note: This product is for in vitro research use only