Product Datasheet

6-His Antibody

Catalog No: #35533

Package Size: #35533 100ul

Signalway Antibody
Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

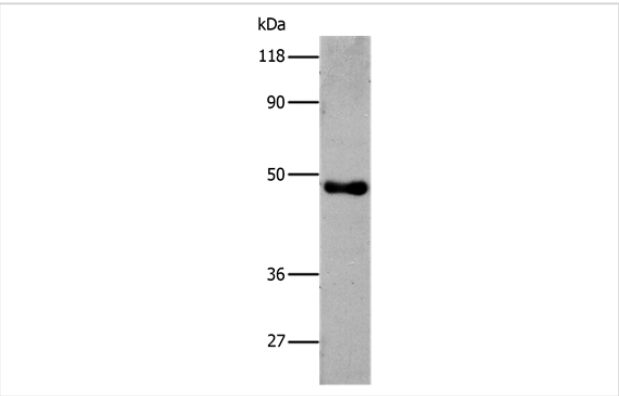
Description

Product Name	6-His Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB
Specificity	The antibody detects transfected proteins contanining 6-His tag.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide: 18XHis conjugated to KLH
Conjugates	Unconjugated
Target Name	6-His
Other Names	6 His epitope tag
SDS-PAGE MW	46kd
Concentration	0.5mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500-1:2000

Images



Gel: 8%SDS-PAGE
Lysate: 2ug Recombinant 6-HIS Tagged protein
Primary antibody: 1/500 dilution
Secondary antibody dilution: 1/8000
Exposure time: 5 seconds

Background

The 6 X histidine motif is used as a tag on many recombinant proteins to facilitate purification.It can then be purified using immobilized metal ions,traditionally nickel,in a procedure termed immobilized-metal affinity chromatography.Further analysis of the protein can be achieved using an antibody specific to the 6 X histidine in techniques such as western blotting.The antibody recognizes the His-tag fused to the carboxy- termini of targeted proteins in transfected or transformed cells.

Published Papers

el at., VPS36-Dependent Multivesicular Bodies Are Critical for Plasmamembrane Protein Turnover and Vacuolar Biogenesis.In Plant Physiol on 2017 Jan by Huei-Jing Wang , Ya-Wen Hsu,et al..PMID: 27879389, , (2017)

PMID:27879389

el at., Dual mechanisms regulating glutamate decarboxylases and accumulation of gamma-aminobutyric acid in tea (Camellia sinensis) leaves exposed to multiple stresses.In Sci Rep on 2016 Mar 29 by Xin Mei , Yiyong Chen et al..PMID:27021285, , (2016)

PMID:27021285

Mei Xin;Chen Yiyong;Zhang Lingyun;Fu Xiumin;Wei Qing;Grierson Don;Zhou Ying;Huang Yahui;Dong Fang;Yang Ziyin el at., Dual mechanisms regulating glutamate decarboxylases and accumulation of gamma-aminobutyric acid in tea (Camellia sinensis) leaves exposed to multiple stresses, , (2016)

PMID:

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