

Datasheet for ABIN7448704 anti-OSR1 antibody (AA 375-425)



[Go to Product page](#)

Overview

Quantity:	25 µg
Target:	OSR1
Binding Specificity:	AA 375-425
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OSR1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

Product Details

Purpose:	Rabbit anti-OSR1 IHC Antibody, Affinity Purified
Immunogen:	Between AA 375 and 425
Isotype:	IgG
Predicted Reactivity:	Mouse,Bovine,Dog,Horse,Guinea pig_10141,Orangutan,Monkey,Gorilla,Chimpanzee,Crab-eating macaque,Small-eared galago,African elephant,Northern white-cheeked gibbon,Thirteen-lined ground squirrel,White-tufted-ear marmoset,Chinese hamster
Purification:	Affinity Purified

Target Details

Target:	OSR1
---------	------

Target Details

Alternative Name:	OSR1 (OSR1 Products)
Background:	Background: Oxidative stress responsive 1 (OSR1) is a STE20-related kinase involved in ion transport and fluid and ion homeostasis. OSR1 interacts with SPAK (STE20/SPS1-related proline/alanine-rich kinase) and together are activated by the upstream kinase WNK1 [with no K (lysine) protein kinase-1]. Activation of OSR1 and SPAK by WNK1 results in the phosphorylation and activation of NKCC1 (Na ⁺ -K ⁺ -2Cl ⁻ co-transporter 1) for the control of cell volume and blood pressure.
Gene ID:	9943
NCBI Accession:	NP_005100
UniProt:	O95747
Pathways:	Tube Formation

Application Details

Application Notes:	1:100 - 1:500
Restrictions:	For Research Use only

Handling

Concentration:	250 µg/mL
Buffer:	Tris-buffered Saline containing 0.1 % BSA and 0.09 % Sodium Azide
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:	4 °C
Expiry Date:	12 months