Datasheet for ABIN2787031

anti-OSGEP antibody (N-Term)

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Overview

Quantity:	100 µL
Target:	OSGEP
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Rabbit, Zebrafish (Danio rerio), Horse, Guinea Pig, Goat, Saccharomyces cerevisiae, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OSGEP antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human OSGEP
Sequence:	PPGTGFLPGD TARHHRAVIL DLLQEALTES GLTSQDIDCI AYTKGPGMGA
Predicted Reactivity:	Cow: 100%, Dog: 100%, Goat: 93%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100%, Yeast: 92%, Zebrafish: 79%
Characteristics:	This is a rabbit polyclonal antibody against OSGEP. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	OSGEP

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Target Details

Alternative Name:	OSGEP (OSGEP Products)
Background:	O-sialoglycoprotein endopeptidases specifically cleave the polypeptide backbone of membrane glycoproteins that contain clusters of O-linked sialoglycans. Alias Symbols: FLJ20411, GCPL1, KAE1, OSGEP1, PRSMG1 Protein Interaction Partner: UBC, TP53RK, VPS25, EFTUD1, P3H1, NIF3L1, RPRD1B, PANK4, NSUN2, UFM1, TPRKB, EEF2K, TES, KIAA1279, ERP44, HNRNPUL1, ACTR2, SAE1, TOM1L1, ZPR1, TPD52L2, RANGAP1, PPP1R7, PPP1R12A, LAMP1, HSPA9, HNRNPF, CALU, BAG1, C14orf142, OSGEP, PRAME, CUL2, LAGE3, TCEB Protein Size: 335
Molecular Weight:	36 kDa
Gene ID:	55644
NCBI Accession:	NM_017807, NP_060277
UniProt:	Q9NPF4

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 335 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

Handling

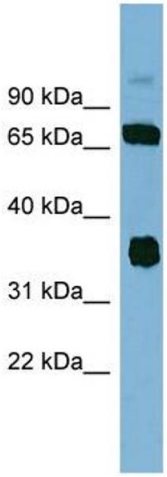
aliquots to prevent freeze-thaw cycles.

Publications

Product cited in:

Wang, Huang, Liu: "[Nitrite content of common vegetables in Wuhu City]." in: **Ying yong sheng tai xue bao = The journal of applied ecology / Zhongguo sheng tai xue xue hui, Zhongguo ke xue yuan Shenyang ying yong sheng tai yan jiu suo zhu ban**, Vol. 16, Issue 1, pp. 189-92, (2005) (PubMed).

Images



Western Blotting

Image 1. WB Suggested Anti-OSGEP Antibody Titration: 0.2-1 ug/ml

ELISA Titer: 1:312500

Positive Control: MCF7 cell lysate