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Datasheet for ABIN6145078  
**anti-OSTM1 antibody (AA 32-284)**

1 Image

Overview

Quantity:	100 µL
Target:	OSTM1
Binding Specificity:	AA 32-284
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OSTM1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 32-284 of human OSTM1 (NP_054747.2).
Sequence:	ALPFGSSPHR VFHLLSEQQ LLEVEDLSLS LLQGGGLGPL SLPPDLPDLD PECRELLLDF ANSSAELTGC LVRSARPVRL CQTCYPLFQQ VVSKMDNISR AAGNTSESQS CARSLLMADR MQIVILSEF FNTTWQEANC ANCLTNNSEE LSNSTVYFLN LFNHTLTCFE HNLQGNAHSL LQTKNYSEVC KNCREAYKTL SSLYSEMQKM NELENKAEPG THLCIDVEDA MNITRKLWSR TFNCSVPCSD TVP
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

## Target Details

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Target:	OSTM1
Alternative Name:	OSTM1 ( <a href="#">OSTM1 Products</a> )
Background:	<p>This gene encodes a protein that may be involved in the degradation of G proteins via the ubiquitin-dependent proteasome pathway. The encoded protein binds to members of subfamily A of the regulator of the G-protein signaling (RGS) family through an N-terminal leucine-rich region. This protein also has a central RING finger-like domain and E3 ubiquitin ligase activity. This protein is highly conserved from flies to humans. Defects in this gene may cause the autosomal recessive, infantile malignant form of osteopetrosis.,OSTM1,GIPN,GL,HSPC019,OPTB5,Cancer,Signal Transduction,Cell Biology &amp; Developmental Biology,Cell Cycle,Cell differentiation,Cytoskeleton,Extracellular Matrix,Bone,OSTM1</p>
Molecular Weight:	37 kDa
Gene ID:	28962
UniProt:	<a href="#">Q86WC4</a>

## Application Details

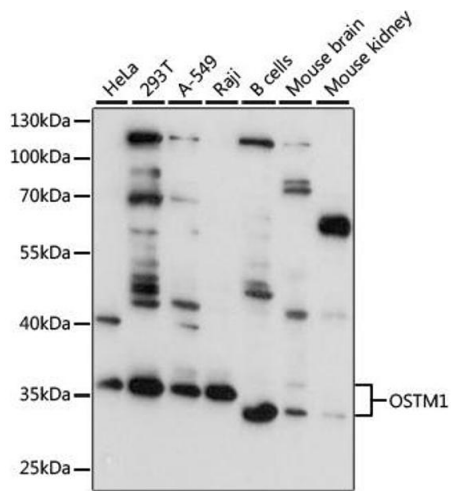
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Application Notes:	WB,1:500 - 1:2000
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



### Western Blotting

**Image 1.** Western blot analysis of extracts of various cell lines, using OSTM1 antibody (ABIN6132869, ABIN6145078, ABIN6145079 and ABIN6215378) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.