

Product Datasheet

ATP6V0D2 Antibody - BSA Free

NBP1-54595

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP1-54595

ATP6V0D2 Antibody - BSA Free

Product Information

Unit Size	100 ul
Concentration	0.5 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS, 2% Sucrose
Target Molecular Weight	40 kDa

Product Description

Description	The addition of 50% glycerol is optional for those storing this antibody at -20C and not aliquoting smaller units. However, please note that glycerol may interrupt some downstream antibody applications and should be added with caution.
Host	Rabbit
Gene ID	245972
Gene Symbol	ATP6V0D2
Species	Human, Mouse
Reactivity Notes	Use in Mouse reported in scientific literature (PMID:33268671)
Specificity/Sensitivity	This product is specific to Subunit or Isoform: d 2.
Immunogen	Synthetic peptides corresponding to ATP6V0D2(ATPase, H ⁺ transporting, lysosomal 38kDa, V0 subunit d2) The peptide sequence was selected from the middle region of ATP6V0D2. Peptide sequence GLRLLAQAEDFDQMKNVADHYGVYKPLFEAVGGSGGKTLEDVFYEREVQM The peptide sequence for this immunogen was taken from within the described region.

Product Application Details

Applications	Western Blot
Recommended Dilutions	Western Blot 1.0 ug/ml

Images

Western Blot: ATP6V0D2 Antibody [NBP1-54595] - Titration: 0.2-1 ug/ml, Positive Control: Transfected 293T.



Publications

Erivan S. Ramos-Junior, Shantiece Dawson, Weston Ryan, Braden Clinebell, Rogelio Serrano-Lopez, Marsha Russell, Rylee Brumbaugh, Roger Zhong, Jussara Gonçalves Fernandes, Luciana M. Shaddox, Christopher W. Cutler, Ana Carolina Morandini The protective role of CD73 in periodontitis: preventing hyper-inflammatory fibroblasts and driving osteoclast energy metabolism *Frontiers in Oral Health* 2023-12-13 [PMID: 38152410]

Yang S, Song D, Wang Z et al. AKT/GSK3beta/NFATc1 and ROS signal axes are involved in AZD1390-mediated inhibitory effects on osteoclast and OVX-induced osteoporosis *International Immunopharmacology* 2022-12-01 [PMID: 36327872]

Yang S, Song D, Wang Z et al. PI3K/AKT/NFATc1 and ROS Signal Axes are Involved in AZD1390-Mediated Inhibitory Effects on Osteoclast and OVX-Induced Osteoporosis *SSRN Electronic Journal* 2022-04-21 [PMID: 36327872] (WB, Mouse)

Nishioku T, Kubo T, Kamada T et al. (-)-Epigallocatechin-3-gallate inhibits RANKL-induced osteoclastogenesis via downregulation of NFATc1 and suppression of HO-1-HMGB1-RAGE pathway *Biomedical research (Tokyo, Japan)* 2020-12-03 [PMID: 33268671] (WB, Mouse)





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Products Related to NBP1-54595

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00245972-Q01-10ug	Recombinant Human ATP6V0D2 GST (N-Term) Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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