

Rabbit anti-Human SMPD4 Polyclonal Antibody | anti-SMPD4 antibody

SMPD4 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283793	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

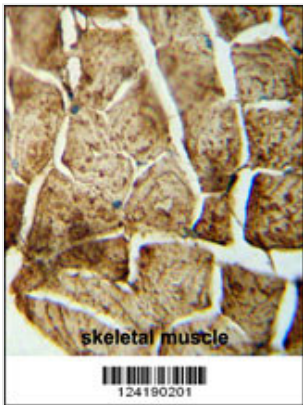
PRODUCT SYNONYMS

SMPD4; Polyclonal Antibody; SMPD4 Antibody (N-term); Sphingomyelin phosphodiesterase 4; Neutral sphingomyelinase 3; nSMase-3; nSMase3; Neutral sphingomyelinase III; KIAA1418; anti-SMPD4 antibody

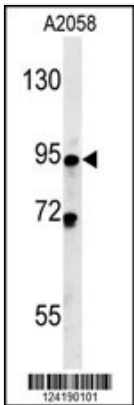
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SMPD4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 80-108 amino acids from the N-terminal region of human SMPD4.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	80-108
Sequence Length	530
Applicable Applications for anti-SMPD4 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
SMPD4 antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human skeletal muscle followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the SMPD4 antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
SMPD4 Antibody (N-term) western blot analysis in A2058 cell line lysates (35ug/lane).This demonstrates the SMPD4 antibody detected the SMPD4 protein (arrow).

ADDITIONAL INFORMATION

Product Categories/Family for anti-SMPD4 antibody	Neuroscience; Signal Transduction
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NCBI AND UNIPROT INFORMATION

NCBI GI #	283806604
NCBI GeneID	55627
NCBI Accession #	NP_001164554.1; NP_060221.2
NCBI GenBank Nucleotide #	NM_001171083.2
UniProt Accession #	Q9NXE4; Q6FI76; Q6P1P7; Q6ZT43; Q9H0M2; B4DM23; B4DQ31; B4DRB8; B4DWK7; B4E0L6; E7ESA2; E9PCE6
Molecular Weight	93352
NCBI Official Full Name	sphingomyelin phosphodiesterase 4 isoform 3
NCBI Official Synonym Full Names	sphingomyelin phosphodiesterase 4, neutral membrane (neutral sphingomyelinase-3)
NCBI Official Symbol	SMPD4
NCBI Official Synonym Symbols	NET13; NSMASE3; NSMASE-3
NCBI Protein Information	sphingomyelin phosphodiesterase 4
UniProt Protein Name	Sphingomyelin phosphodiesterase 4
UniProt Gene Name	SMPD4
UniProt Synonym Gene Names	KIAA1418; nSMase-3; nSMase3
UniProt Entry Name	NSMA3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.