SE6L2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	SE6L2, Polyclonal Antibody
Full Product Name	SE6L2 Rabbit Polyclonal Antibody
Product Gene Name	anti-SE6L2 antibody
Product Synonym Gene Name	SEZ6L2, PSK, UNQ1903/PRO4349
Product Synonym Names	BH6842; Seizure 6-like protein 2
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Purity/Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Concentration	1mg/ml (lot specific)
Specificity	The antibody detects endogenous levels of human SE6L2
Preparation and Storage	Store at -20 degree C/1 year
Molecular Weight	86,861 Da
3D Structure	ModBase 3D Structure for Q6UXD5
Immunogen	Synthesized peptide derived from human SE6L2
Modification	Unmodified/Total
Applications Tested/Suitable for anti-SE6L2 antibody	Western Blot (WB)
Application Notes for anti-SE6L2 antibody	WB: 1:1000-2000
Related Product Information for anti-SE6L2 antibody	MBS9516904 is an antibody targeting SE6L2. Also known as SE6L2 Rabbit Polyclonal Antibody. Reactive in Human, Mouse. Host: Rabbit.
Other Notes	Small volumes of anti-SE6L2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SE6L2. It may not necessarily be applicable to this product.

NCBI GI #	6912612
NCBI GeneID	26470
NCBI Accession #	NP_036542.1
UniProt Primary Accession #	Q6UXD5
UniProt Secondary Accession #	Q9BW82; Q9UJ45; Q9UJ46; Q9UJ47; B7Z1N0; F5H293; H7BXQ6

UniProt Related Accession #	Q6UXD5
GenBank Nucleotide #	NM_012410.3
NCBI Official Full Name	seizure 6-like protein 2 isoform 1
NCBI Official Synonym Full Names	seizure related 6 homolog (mouse)-like 2
NCBI Official Symbol	SEZ6L2
NCBI Official Synonym Symbols	PSK-1
UniProt Protein Name	Seizure 6-like protein 2
UniProt Gene Name	SEZ6L2
UniProt Synonym Gene Names	PSK
UniProt Entry Name	SE6L2_HUMAN
NCBI Protein Information	seizure 6-like protein 2; seizure related 6-like protein 2; type I transmembrane receptor (seizure-related protein)
NCBI Summary for SE6L2	This gene encodes a seizure-related protein that is localized on the cell surface. The gene is located in a region of chromosome 16p11.2 that is thought to contain candidate genes for autism spectrum disorders (ASD), though there is no evidence directly implicating this gene in ASD. Increased expression of this gene has been found in lung cancers, and the protein is therefore considered to be a novel prognostic marker for lung cancer. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Aug 2011]
UniProt Comments for SE6L2	SEZ6L2: May contribute to specialized endoplasmic reticulum functions in neurons. Belongs to the SEZ6 family. 4 isoforms of the human protein are produced by alternative splicing. Protein type: Membrane protein, integral Chromosomal Location of Human Ortholog: 16p11.2 Cellular Component: endoplasmic reticulum membrane; plasma membrane; integral to membrane
Research Articles on SE6L2	**1.** These results provide an extensive ascertainment of the genetic variability of SEZ6L2 in human populations and do not support a major role for SEZ6L2 sequence variations in the susceptibility to autism spectrum disorders.
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