

DNAxPAb

Hard-to-Find
Antibody

PSMA4 DNAxPab

Catalog # H00005685-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human PSMA4 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MSRRYDSRTTIFSPEGRLYQVEYAMEAIGHAGTCLGILANDGVLLAAERRNIHKLLDEVFFSEKIYKL NEDMACSVAGITSDANVLTNELRLIAQRYLLQYQEPIPCQLVTALCDIKQAYTQFGGKRPFVSVLL YIGWDKHYGFQLYQSDPSGNYGGWKATCIGNNSAAAVSMLKQDYKEGEMTLKSALALAIKVLNKT MDVSKLSAEKVEIATLTRENGKTVIRVLKQKEVEQLIKKHEEEEAEREKKEKEQKEKDK
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — PSMA4

Entrez GeneID	5685
GeneBank Accession#	NM_002789.3
Protein Accession#	NP_002780.1
Gene Name	PSMA4
Gene Alias	HC9, HsT17706, MGC111191, MGC12467, MGC24813, PSC9
Gene Description	proteasome (prosome, macropain) subunit, alpha type, 4
Omim ID	176846
Gene Ontology	Hyperlink
Gene Summary	The proteasome is a multicatalytic proteinase complex with a highly ordered ring-shaped 20S core structure. The core structure is composed of 4 rings of 28 non-identical subunits; 2 rings are composed of 7 alpha subunits and 2 rings are composed of 7 beta subunits. Proteasomes are distributed throughout eukaryotic cells at a high concentration and cleave peptides in an ATP/ubiquitin-dependent process in a non-lysosomal pathway. An essential function of a modified proteasome, the immunoproteasome, is the processing of class I MHC peptides. This gene encodes a member of the peptidase T1A family, that is a 20S core alpha subunit. Three alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Other Designations	macropain subunit C9 multicatalytic endopeptidase complex subunit C9 proteasome alpha 4 subunit proteasome component C9 proteasome subunit HC9 proteasome subunit L

Pathway

- [Proteasome](#)

Disease

- [Adenocarcinoma](#)
- [Carcinoma](#)
- [Cerebral Hemorrhage](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)

- [Intracranial Hemorrhages](#)
- [Kidney Failure](#)
- [Lung Neoplasms](#)
- [Stroke](#)
- [Subarachnoid Hemorrhage](#)