

DNAxPAb

Hard-to-Find
Antibody

PSMA2 DNAxPab

Catalog # H00005683-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human PSMA2 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MAERGYSFSLTTFSPSGKLVQIEYALAAVAGGAPSVGIKAANGVVLATEKKQKSILYDERSVHKVE PITKHIGLVYSGMGPDYRVLVHRARKLAQQYYLVYQEPIPTAQLVQRVASVMQEYTSQGGVRPFGV SLICGWNEGRPYLFQSDPSGAYFAWKATAMGKNYVNGKTFLEKRYNEDLELEDAIHTAILTKES FEGQMTEDNIEVGICNEAGFRRLTPTEVKDYLAAlA
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 — PSMA2

Entrez GeneID [5683](#)

GeneBank Accession# [NM_002787.3](#)

Protein Accession# [NP_002778.1](#)

Gene Name PSMA2

Gene Alias HC3, MU, PMSA2, PSC2

Gene Description proteasome (prosome, macropain) subunit, alpha type, 2

Omim ID [176842](#)

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. [provided by RefSeq]

Other Designations macropain subunit C3|multicatalytic endopeptidase complex subunit C3|proteasome alpha 2 subunit|proteasome component C3|proteasome subunit HC3

Pathway

- [Proteasome](#)