

DNAxPAb

Hard-to-Find
Antibody

PSMB3 DNAxPAb

Catalog # H00005691-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human PSMB3 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MSIMSYNGGAVMAMKGKNCVAIAADRRFGIQAQMVTTDFQKIFPMGDRLYIGLAGLATDVQTVAQ RLKFRLNLYELKEGRQIKPYTLMSMVANLLYEKRFGPYYTEPVIAGLDPKTFKPFICSLDLIGCPMVT DDFVVSQGTCAEQMYGMCESLWEPNMDPDHLFETISQAMLNAVDRDAVSGMGVIVHIIKDKITTR TLKARMD
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 — PSMB3

Entrez GeneID [5691](#)

GeneBank Accession# [NM_002795.2](#)

Protein Accession# [NP_002786.2](#)

Gene Name PSMB3

Gene Alias HC10-II, MGC4147

Gene Description proteasome (prosome, macropain) subunit, beta type, 3

Omim ID [602176](#)

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 proteasome B-type family, also known as the T1B family, that is a 20S core beta subunit. Pseudogenes have been identified on chromosomes 2 and 12. [provided by RefSeq]

Other Designations

proteasome beta 3 subunit|proteasome chain 13|proteasome component C10-II|proteasome theta chain

Pathway

- [Proteasome](#)