

DNAxPAb

Hard-to-Find  
Antibody

## PSMB2 DNAxPab

Catalog # H00005690-W01P

Size 200 ug

### Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human PSMB2 DNA using DNAx™ Immune technology.
Technology	<a href="#">DNAx™ Immune</a>
Immunogen	Full-length human DNA
Sequence	MEYLIGIQGPDYVLVASDRVAASNIVQMKDDHDKMFKMSEKILLLCVGEAGDTVQFAEYIQKNVQL YKMRNGYELSPATAANFTRRNLADCLRSRTPYHVNLLLAGYDEHEGPALYYMDYLAALAKAPFAA HGYGAFLLTSILDYYTPTISRERAVELLRKCLEELQKRFILNLPFTFSVRIDKNGIHDLDNISFPKQGS
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 — PSMB2

Entrez GeneID [5690](#)

GeneBank Accession# [NM\\_002794.3](#)

Protein Accession# [NP\\_002785.1](#)

Gene Name PSMB2

Gene Alias HC7-I, MGC104215, MGC126885

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

Omim ID [602175](#)

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. [provided by RefSeq]

**Other Designations**

OTTHUMP00000004345|macropain subunit C7-|multicatalytic endopeptidase complex subunit C7-1|proteasome beta 2 subunit|proteasome component C7-|proteasome subunit, beta type, 2

## Pathway

- [Proteasome](#)