

DNAxPAb

Hard-to-Find
Antibody

PSMF1 DNAxPab

Catalog # H00009491-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human PSMF1 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MAGLEVLFAAAPAITCRQDALVCFLHWEVVTHGYCGLGVGDQPGPNDKKSELLPAGWNNNKD LYVLRYEYKDGSRKLLVKAITVESSMLNVLEYGSQQVADLTNLDDYIDAEHLGDFHRTYKNSEEL RSRIVSGIITPIHEQWEKANVSSPHREFPPATAREVDPLRIPPHHPHTSRQPPWCDPLGPFVVGGE DLDPFGPRRGGMVDPLRSGFPRALIDPSSGLPNRLPPGAVPPGARFDPFGPIGTSPPGPNPDHL PPPGYDDMYL
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 — PSMF1

Entrez GeneID	9491
GeneBank Accession#	HQ258165.1
Protein Accession#	ADR82919.1
Gene Name	PSMF1
Gene Alias	PI31
Gene Description	proteasome (prosome, macropain) inhibitor subunit 1 (PI31)
Gene Ontology	Hyperlink
Gene Summary	<p>The 26S proteasome is a multicatalytic proteinase complex with a highly ordered structure composed of 2 complexes, a 20S core and a 19S regulator. The 20S core 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. The 19S regulator is composed of a base, which contains 6 ATPase subunits and 2 non-ATPase subunits, and a lid, which contains up to 10 non-ATPase 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 protein that inhibits the activation of the proteasome by the 11S and 19S regulators. Alternative transcript variants have been identified for this gene. [provided by RefSeq]</p>
Other Designations	proteasome inhibitor hP131 subunit proteasome inhibitor subunit 1

Pathway

- [Proteasome](#)