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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

PSMB8 (Human) IP-WB Antibody Pair

Catalog # : H00005696-PW2

規格 : [1 Set]

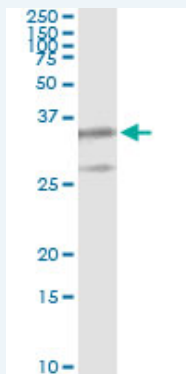
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Specification

Product Description: This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.

Reactivity: Human

Quality Control Testing: Immunoprecipitation-Western Blot (IP-WB)



Immunoprecipitation of PSMB8 transfected lysate using mouse monoclonal anti-PSMB8 and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with rabbit polyclonal anti-PSMB8.

Supplied Product: Antibody pair set content:
1. Antibody pair for IP: mouse monoclonal anti-PSMB8 (300 ug)
2. Antibody pair for WB: rabbit polyclonal anti-PSMB8 (50 ul)

Storage Instruction: Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

MSDS:  [Download](#)

Applications

Immunoprecipitation-Western Blot

 [Protocol Download](#)

Gene Information

Entrez GeneID: [5696](#)

Gene Name: PSMB8

Gene Alias: D6S216,D6S216E,LMP7,MGC1491,PSMB5i,RING10,beta5i

Gene Description: proteasome (prosome, macropain) subunit, beta type, 8 (large multifunctional peptidase 7)

Omim ID: [177046](#)

Gene Ontology: [Hyperlink](#)

Application Image

Immunoprecipitation-Western Blot

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. This gene is located in the class II region of the MHC (major histocompatibility complex). Expression of this gene is induced by gamma interferon and this gene product replaces catalytic subunit 3 (proteasome beta 5 subunit) in the immunoproteasome. Proteolytic processing is required to generate a mature subunit. Two alternative transcripts encoding two isoforms have been identified; both isoforms are processed to yield the same mature subunit. [provided by RefSeq]

Other Designations: OTTHUMP00000029420, OTTHUMP00000029421, OTTHUMP00000062981, low molecular weight protein 7, macropain subunit C13, multicatalytic endopeptidase complex subunit C13, protease component C13, proteasome (prosome, macropain) subunit beta type 8 (large multifunctiona

Gene Pathway

[Proteasome](#)

Related Disease

[Acute Disease](#) [Alveolitis](#), [Extrinsic Allergic Arthritis](#), [Juvenile Rheumatoid Arthritis](#), [Reactive Asthma](#) [Asthma](#) [Bronchiolitis](#), [Viral Brucellosis](#) [Cardiovascular Diseases](#) [Coronary Disease](#) [Dermatitis](#), [Atopic Diabetes Mellitus](#), [Type 1 Diabetes Mellitus](#), [Type 2 Diseases in Twins](#) [Edema](#) [Genetic Predisposition to Disease](#) [Hepatitis B](#) [Hepatitis C](#) [Hepatitis C](#), [Chronic](#)

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