

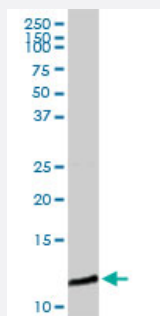
MaxPab®

B2M purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00000567-D01P

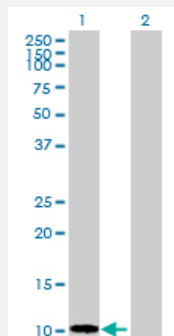
Size 100 ug

Applications



Western Blot (Tissue lysate)

B2M MaxPab rabbit polyclonal antibody. Western Blot analysis of B2M expression in human placenta.



Western Blot (Transfected lysate)

Western Blot analysis of B2M expression in transfected 293T cell line ([H00000567-T01](#)) by B2M MaxPab polyclonal antibody.

Lane 1: B2M transfected lysate(13.70 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human B2M protein.
Immunogen	B2M (NP_004039.1, 1 a.a. ~ 119 a.a) full-length human protein.
Sequence	MSRSVALAVLALLSLSGLEAIQRTPKIQVYSRHPAENGKSNFLNCYVSGFHPSDIEVDLLKNGERIE KVEHSDLSFSKDWSFYLLYYTEFTPTEKDEYACRVNHVTLSQPKMKWDRDM
Host	Rabbit
Reactivity	Human
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 (Tissue lysate)

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[Protocol Download](#)

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Western Blot analysis of B2M expression in transfected 293T cell line ([H00000567-T01](#)) by B2M MaxPab polyclonal antibody.

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[Protocol Download](#)

Gene Info — B2M

Entrez GeneID[567](#)**GeneBank Accession#**[NM_004048](#)**Protein Accession#**[NP_004039.1](#)**Gene Name**

B2M

Gene Alias

-

Gene Description

beta-2-microglobulin

Omim ID[109700 241600](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a serum protein found in association with the major histocompatibility complex (MHC) class I heavy chain on the surface of nearly all nucleated cells. The protein has a predominantly beta-pleated sheet structure that can form amyloid fibrils in some pathological conditions. A mutation in this gene has been shown to result in hypercatabolic hypoproteinemia

Other Designations

beta chain of MHC class I molecules|beta-2-microglobin

Pathway

- [Antigen processing and presentation](#)

Disease

- [Arthritis](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Disease](#)
- [Edema](#)
- [Gastritis](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Osteoarthritis](#)
- [Parkinson disease](#)
- [Stomach Neoplasms](#)