

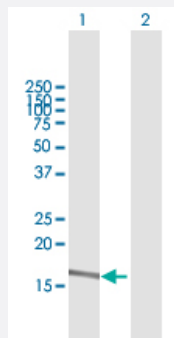
MaxPab®

A2ML1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00144568-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of A2ML1 expression in transfected 293T cell line ([H00144568-T01](#)) by A2ML1 MaxPab polyclonal antibody.

Lane1:A2ML1 transfected lysate(17.38 KDa).

Lane2:Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human A2ML1 protein.
Immunogen	A2ML1 (AAH93840.1, 1 a.a. ~ 158 a.a) full-length human protein.
Sequence	MYTLEASGQGCVYVQTVLRYNILPPTNMKTFSLSVEIGKARCEQPTSPRSLTLTIHTSYVGSRSSN MAIVEVKMLSGFSPMEGTNQQLLQQPLVKKVEFGTDLNLYLDELIKNTQTYTFTISQSVLVTNLKPA TIKVYDYLPDEQATIQYSDPCE
Host	Mouse
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

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[Protocol Download](#)

Gene Info — A2ML1

Entrez GeneID [144568](#)

GeneBank Accession# [BC093840.1](#)

Protein Accession# [AAH93840.1](#)

Gene Name A2ML1

Gene Alias CPAMD9, DKFZp686C1729, DKFZp686D2011, DKFZp686G1812, DKFZp686L1821, DKFZp686O1010, FLJ16045, FLJ25179, FLJ39129, FLJ41597, FLJ41598, FLJ41607

Gene Description alpha-2-macroglobulin-like 1

Omim ID [610627](#)

Gene Ontology [Hyperlink](#)

Gene Summary The alpha-macroglobulin (AM) superfamily of proteins contains both complement components and protease inhibitors, including A2M (MIM 103950) and A2ML1. AM proteins display a unique trap mechanism of inhibition, by which the AM inhibitor undergoes a major conformational change upon its cleavage by a protease, thus trapping the protease and blocking it from subsequent substrate binding (Galliano et al., 2006 [PubMed 16298998]).[supplied by OMIM]

Other Designations C3 and PZP-like, alpha-2-macroglobulin domain containing 9|OTTHUMP00000158614

Publication Reference

- [Laboratory diagnosis of paraneoplastic pemphigus.](#)

Poot AM, Diercks GF, Kramer D, Schepens I, Klunder G, Hashimoto T, Borradori L, Jonkman MF, Pas HH.

The British Journal of Dermatology 2013 Nov; 169(5):1016.

Application: ELISA, IF, WB-Ce, Human, Rat, Bladders, Keratinocytes, Serum

- [The protease inhibitor alpha-2-macroglobulin-like-1 is the p170 antigen recognized by paraneoplastic pemphigus autoantibodies in human.](#)

Schepens I, Jaunin F, Begre N, Laderach U, Marcus K, Hashimoto T, Favre B, Borradori L.

PLoS One 2010 Aug; 5(8):e12250.

Application: IF, IHC, WB-Ce, WB-Tr, Human, HEK 293T cells, Human breast skin, Human keratinocytes

Disease

- [Alzheimer disease](#)
- [Cerebral Amyloid Angiopathy](#)
- [Genetic Predisposition to Disease](#)
- [Neuroblastoma](#)