

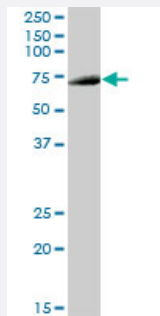
MaxPab®

APPL2 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00055198-B01P

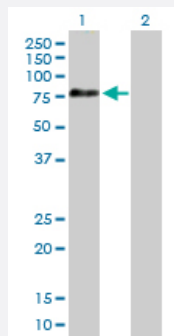
Size 50 ug

Applications



Western Blot (Tissue lysate)

APPL2 MaxPab polyclonal antibody. Western Blot analysis of APPL2 expression in rat brain.

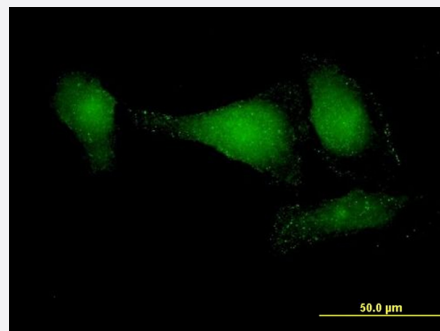


Western Blot (Transfected lysate)

Western Blot analysis of APPL2 expression in transfected 293T cell line ([H00055198-T01](#)) by APPL2 MaxPab polyclonal antibody.

Lane 1: APPL2 transfected lysate(73.04 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to APPL2 on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human APPL2 protein.

Immunogen	APPL2 (AAH33731.1, 1 a.a. ~ 664 a.a) full-length human protein.
Sequence	MPAVDKLLLEEALQDSPQTRSLLSVFEEADAGTLTDYTNQLLQAMQRVYGAQNEMCLATQQLSKQ LLAYEKQNFALGKGDEEVISTLHYFSKVVDENLLHTELAQLADTMVLPPIQFREKDLTEVSTLKD LFGLASNEHDLISMAKYSRLPKKKENEKVKTEVGKEVAAAARRKQHLSSLQYYCALNALQYRKQMA MMEPMIGFAHGQINFFKKGAEMFSKRMDSFLLSSVADMVQSIQVELEAEAEKMRVSQQELLSVDE SVYTPDSDVAAPQINRNLIQKAGYLNLRNKTGLVTTTWERLYFFTQGGNLMCQPRGAVAGGLIQDL DNCSVMAVDCEDRRYCFQITTPNGKSGIILQAESRKENEWICAINNISRQIYLTNDPEAVAIAKLNQT ALQAVTPITSFGKKQESSCPSQNLKNSEMEENENDKVPKVTASLPEAEELIAPGTPIQFDMVPATE FLDQNRGSRRTNPFGETEDESFPEDSLLQQMFIVRFLGSMVKTSTTEVIYEAMRQVLAARAI HNIFRMTESHLMTSQSLRLIDPQTQVSRANFELTSVTQFAAHQENKRLVGFVIRVPESTGEESLS TYFESNSEGEKICYAINLGKEIEVQKDPEALQMLSLPLTNDGKYVLLNDQPDDDDGNPNEHRG AESEA
Host	Mouse
Reactivity	Human, Rat
Interspecies Antigen Sequence	Mouse (92); Rat (92)
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](#)

- Western Blot (Transfected lysate)

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- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to APPL2 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — APPL2

Entrez GeneID	55198
GeneBank Accession#	BC033731.1
Protein Accession#	AAH33731.1
Gene Name	APPL2
Gene Alias	DIP13B, FLJ10659
Gene Description	adaptor protein, phosphotyrosine interaction, PH domain and leucine zipper containing 2
Omim ID	606231
Gene Ontology	Hyperlink
Gene Summary	phosphotyrosine interaction
Other Designations	DIP13 beta adaptor protein containing PH domain, PTB domain and leucine zipper motif 2

Publication Reference

- [Embryonic stem cells are devoid of macropinocytosis, a trafficking pathway for activin a in differentiated cells.](#)

Nikoleta Kostopoulou, Sofia Bellou, Eleni Bagli, Maria Markou, Eleftherios Kostaras, Marko Hyvönen, Yiannis Kalaidzidis, Angelos Papadopoulos, Varvara Chalmantzi, Athena Kyrkou, Ekaterini Panopoulou, Theodore Fotsis, Carol Murphy.
Journal of Cell Science 2021 Jul; 134(13):jcs246892.

Application: IF, Human, HUVECs

- [Activation of hypothalamic RIP-Cre neurons promotes beiging of WAT via sympathetic nervous system.](#)

Wang B, Li A, Li X, Ho PW, Wu D, Wang X, Liu Z, Wu KK, Yau SS, Xu A, Cheng KK.
EMBO reports 2018 Apr; 19(4):e44977.

Application: IHC, Mouse, Hypothalamic VMH region

- [Cellular, structural and functional cardiac remodelling following pressure overload and unloading.](#)

Dadson K, Kovacevic V, Rengasamy P, Kim GH, Boo S, Li RK, George I, Schulze PC, Hinz B, Sweeney G.
International Journal of Cardiology 2016 Aug; 216:32.

Application: WB-Ti, Mouse, Mouse heart

- [The adaptor protein APPL1 increases glycogen accumulation in rat skeletal muscle through activation of the PI3-kinase signalling pathway.](#)

Cleasby ME, Lau Q, Polkinghorne E, Patel SA, Leslie SJ, Turner N, Cooney GJ, Xu A, Kraegen EW.

J Endocrinol 2011 May; 210:81.

Application: WB-Ti, Rat, Muscle