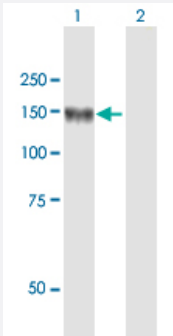


MaxPab®

LNPEP purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00004012-B01P Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of LNPEP expression in transfected 293T cell line ([H00004012-T01](#)) by LNPEP MaxPab polyclonal antibody.

Lane 1: LNPEP transfected lysate(112.75 KDa).
Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human LNPEP protein.
Immunogen	LNPEP (AAI60010.1, 1 a.a. ~ 1025 a.a) full-length human protein.
Sequence	MEPFTNDRLQLPRNMIENSMFEEEPDVVDLAKEPCLHPLEPDEVEYEPGRSRLVRGLGEHEME EDEEDYESSAKLLGMSFMNRSSGLRNSATGYRQSPDGACSVPSARTMVVCAFMVAVSVIMVIY LLPRCTFTKEGCHKKNQSIGLIQPFATNGKLFPAWQIRLPTAVVPLRYELSLHPNLTSMTFRGSVTI SVQALQVTWNILHSTGHNISRVTFMSAVSSQEKQAEILEYAYHGQIAVAPEALLAGHNYTLKIEYSA NISSYYGFYGFSYTDESNEKKYFAATQFEPLAARSAFPCFDEPAFKATFIKIRDEQYTALSNMPK KSSVVLDDGLVQDEFSESVKMSTYLVAFMGEMKNLSQDVNGTLVSIYAVPEKIGQVHYALETTVK LLEFFQNYFEIQYPLKKLDLVAIPDFEAGAMENWGLLTFREETLLYDSNTSSMADRKLVTKIIAHELA HQWFGNLVTMKWWNDLWLNIEGFATFMEYFSLEKIFKELSSYEDFLDARFKTMKKDSLNSSHPIS SSVQSSEQIEEMFDSL SYFKGSSLLLMLKTYLSEDFVQHAVVLYLHNHSYASIQSDDLWDSFNEV TNQTLDVKRMMKTWTLQKGFPLVTVQKKGKELFIQQRFFLNMKPEIQPSDTSYLWHIPLSYVTEG RNYSKYQSVSLDDKKSGVINL TEEVLWVKVNINMNGYYVHYADDDWEALHQLKINPYVLSKDRA NLINNIFELAGLGKVPLKRAFDLINYLGNENHTAPITEALFQTDLMNLEKLGMDLASRLVTRVFKLL QNQIQQQTWTDEGTPSMRELRSALLEFACTHNLGNCSTTAMKLFDDWMASNGTQSLPTDVMTT VFKVGAKTDKGWSFLLGKYISIGSEAEKNKILEALASSEDVRKLYWLMKSSLNGDNFRTQKLSFIIR TVGRHFPGHLLAWDFVKENWNKLVQKFPLGSIYQINVAGSTYLFSTKTHLSEVQAFFENQSEATF RLRCVQEALEVIQLNIQWMEKNLKS LTWWL
Host	Mouse

Reactivity	Human
Interspecies Antigen Sequence	Mouse (88)
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)

Western Blot analysis of LNPEP expression in transfected 293T cell line ([H00004012-T01](#)) by LNPEP MaxPab polyclonal antibody.

Lane 1: LNPEP transfected lysate(112.75 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — LNPEP

Entrez GeneID	4012
GeneBank Accession#	BC160010.1
Protein Accession#	AA160010.1
Gene Name	LNPEP
Gene Alias	CAP, IRAP, P-LAP, PLAP
Gene Description	leucyl/cystinyl aminopeptidase
Omim ID	151300
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a zinc-dependent aminopeptidase that cleaves vasopressin, oxytocin, lys-bra dykinin, met-enkephalin, dynorphin A and other peptide hormones. The protein can be secreted in maternal serum, reside in intracellular vesicles with the insulin-responsive glucose transporter GL UT4, or form a type II integral membrane glycoprotein. The protein catalyzes the final step in the conversion of angiotensinogen to angiotensin IV (AT4) and is also a receptor for AT4. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq]

Other Designations

AT (4) receptor|OTTHUMP00000196800|angiotensin IV receptor|insulin-regulated aminopeptidase|insulin-responsive aminopeptidase|otase|oxytocinase|placental leucine aminopeptidase|vasopressinase

Pathway

- [Renin-angiotensin system](#)

Disease

- [Hypertension](#)
- [Pre-Eclampsia](#)
- [Pregnancy Complications](#)