

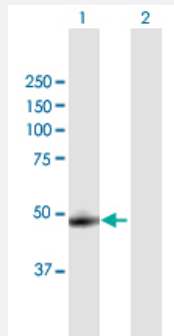
MaxPab®

CTSA purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00005476-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of CTSA expression in transfected 293T cell line ([H00005476-T01](#)) by CTSA MaxPab polyclonal antibody.

Lane 1: PPGB transfected lysate(52.8 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human CTSA protein.
Immunogen	CTSA (AAH93009.1, 1 a.a. ~ 480 a.a) full-length human protein.
Sequence	MIRAAPPPLFLLLLLLLLLVSWASRGEAAPDQDEIQRLPGLAKQPSFRQYSGYLKGSGSKHLHYW FVESQKDPENSPVVLWLNGGPGCSSLDGLLTEHGPFVLPDQGVLTLEYNPYSWNLIANVLYLESP AGVGFSYSDDKFYATNDTEVAQSNFEALQDFFRLFPEYKNNKLFLTGESYAGMPTLAVLVMQDP SMNLQGLAVGNGLSSYEQNDNSLVYFAYYHGLLGNRLWSSLQTHCCSQNKCNFYDNKDLECVTN LQEVARIVGNSGLNIYNLYAPCAGGVPSHFYKEDTVVVQDLGNIFTRLPLKRMWHQALLRSGDK VRMDPPCTNTTAASYLNNPYVRKALNIPEQLPQWDMCNFLVNLQYRRLYRSMNSQYLKLLSSQK YQILLYNGDVIDMACNFMGDEWFVDSLQKMEVQRRPWLVKYGDSGEQIAGFVKEFSHIAFLTIKG AGHMVPTDKPLAAFTMFSRFLNKQPY
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (89)
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.

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[Protocol Download](#)

Gene Info — CTSA

Entrez GeneID[5476](#)**GeneBank Accession#**[BC093009.1](#)**Protein Accession#**[AAH93009.1](#)**Gene Name**

CTSA

Gene Alias

GLB2, GSL, NGBE, PPCA, PPGB

Gene Description

cathepsin A

Omim ID[256540](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a glycoprotein which associates with lysosomal enzymes beta-galactosidase and neuraminidase to form a complex of high molecular weight multimers. The formation of this complex provides a protective role for stability and activity. Deficiencies in this gene are linked to multiple forms of galactosialidosis. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations

OTTHUMP00000031778|beta-galactosidase 2|beta-galactosidase protective protein

Pathway

- [Renin-angiotensin system](#)