

DNAxPAb

Hard-to-Find
Antibody

CTSS DNAxPab

Catalog # H00001520-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human CTSS DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence MKRLVCVLLVCSSAVAQLHKDPTLDHHWHLWKKTYGKQYKEKNEEAVRRLIWEKNLKFVMLHNL
EHSMGMHSYDLGMNHLGDMTSEEVMSSLRVPSQWQRNITYKSNPNRILPDSVDWREKGCV
TEVKYQGSCGACWAFSAVGALEAQLKLKTGKLVSLSAQNLVDCSTEKYGNKGCNGGFMTTAFQ
YIDNKGIDSDASYPYKAMDQKCQYDSKYRAATCSKYTELPYGREDVLKEAVANKGPVSVGVDAR
HPSFFLYRSGVYEPSCSQNVNHGVLVVGYGDLNGKEYWLVKNSWGHNFGEEGYIRMARNKGN
HCGIASFPSYPEI

Host Rabbit

Reactivity Human

Purification Protein A

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)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — CTSS

Entrez GeneID	1520
GeneBank Accession#	NM_004079.3
Protein Accession#	NP_004070.3
Gene Name	CTSS
Gene Alias	MGC3886
Gene Description	cathepsin S
Omim ID	116845
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene, a member of the peptidase C1 family, is a lysosomal cysteine proteinase that may participate in the degradation of antigenic proteins to peptides for presentation on MHC class II molecules. The encoded protein can function as an elastase over a broad pH range in alveolar macrophages. Transcript variants utilizing alternative polyadenylation signals exist for this gene. [provided by RefSeq]
Other Designations	OTTHUMP00000032942

Pathway

- [Antigen processing and presentation](#)
- [Lysosome](#)

Disease

- [Alzheimer disease](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Cardiovascular Diseases](#)

- [Cognition](#)
- [Coronary Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Multiple Sclerosis](#)
- [Obesity](#)