

DNAxPAb

Hard-to-Find
Antibody

STEAP2 DNAxPab

Catalog # H00261729-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human STEAP2 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MESISMMGSPKSLSETFLPNGINGIKDARKVTVGVIGSGDFAKSLTIRLIRCGYHVIGSRNPKFASE FFPHVVDVTHHEDALTKTNIFVAIHREHYTSLWDLRHLLVGKILIDVSNMRINQYPESNAEYLASLF PDSLIVKGFNVVSAWALQLGPKDASRQVYICSNNIARQQVIELARQLNFIPIDLGSLSSAREIENLP LRLFTLWRGPVVVAISLATFFFLYSFVRDVIHPYARNQQSDFYKIPIEVNKTLPIVAITLLSLVYLAGLL AAAYQLYYGTKYRRFPWLETWLQCRQLGLLSFFFAMVHVAYSCLCPMRRSERYFLNMAYQQ VHANIENSWNEEEVWRIEMYISFGIMSLGLLSLLAVTIPSVSNALNWREFSFIQSTLGYVALLISTFH VLIYGWKRAFEETYYRFTPPNFVLALVLPSPVILGKIILFLPCISRKLKRIKKGWEKSQFLEEGMGGTI PHVSPERTVM
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 — STEAP2

Entrez GeneID [261729](#)

GeneBank Accession# [BC148824](#)

Protein Accession# [AA48825.1](#)

Gene Name STEAP2

Gene Alias IPCA1, PCANAP1, PUMPCn, STAMP1, STMP

Gene Description six transmembrane epithelial antigen of the prostate 2

Omim ID [605094](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene is a member of the STEAP family and encodes a multi-pass membrane protein that localizes to the Golgi complex, the plasma membrane, and the vesicular tubular structures in the cytosol. A highly similar protein in mouse has both ferrireductase and cupric reductase activity, and stimulates the cellular uptake of both iron and copper in vitro. Increased transcriptional expression of the human gene is associated with prostate cancer progression. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq]

Other Designations OTTHUMP00000067572|OTTHUMP00000067575|SixTransMembrane Protein of Prostate 1|prostate cancer associated protein 1|protein upregulated in metastatic prostate cancer|six transmembrane epithelial antigen of prostate 2

Disease

- [Tobacco Use Disorder](#)