

STEAP2 rabbit monoclonal antibody

Catalog # H00261729-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human STEAP2 peptide using ARM Technology.
Immunogen	A synthetic peptide of human STEAP2 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human STEAP2 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — STEAP2

Entrez GeneID	261729
GeneBank Accession#	STEAP2
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](#)