

Datasheet for ABIN334498
anti-STEAP4 antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	STEAP4
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This STEAP4 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Purpose:	STEAP4 / Dudulin4
Immunogen:	CVDNTLTRIRQGWERN
Sequence:	CVDNTLTRIR QGWERN
Isotype:	IgG
Cross-Reactivity:	Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

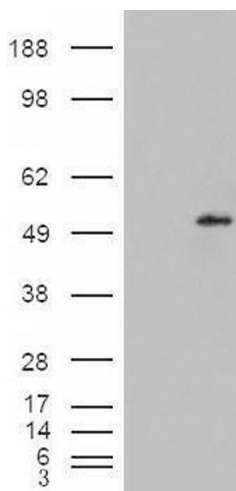
Target:	STEAP4
Alternative Name:	STEAP4 (STEAP4 Products)
Background:	STEAP family member 4, DKFZp666D049 , FLJ23153 , STAMP2 , TIARP , TNFAIP9, six transmembrane prostate protein 2 , tumor necrosis factor, alpha-induced protein 9 , tumor necrosis-alpha-induced adipose-related protein
Gene ID:	79689, 117167
NCBI Accession:	NP_078912
Pathways:	Transition Metal Ion Homeostasis

Application Details

Application Notes:	Western Blot: Approx. 50-55 kDa band observed in Human Adipose lysates (calculated MW of 52.0 kDa according to NP_078912.2). In transfected HEK293 transiently expressing Human Dudulin4 a band of approx. 52 kDa is observed. This band is not observed in the n Peptide ELISA: antibody detection limit dilution 1:4000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. HEK293 overexpressing Dudulin4 (ABIN5365377) and probed with ABIN334498 (mock transfection in first lane).



Image 2. ABIN334498 (0.3µg/ml) staining of Human Adipose lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.