

Datasheet for ABIN2783929
anti-STEAP4 antibody (C-Term)[Go to Product page](#)

1 Image

Overview

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

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human STEAP4
Sequence:	AFLHVLTYLV IPIRYVVRWR LGNLTVTQAI LKKENPFSTS SAWLSDSYVA
Predicted Reactivity:	Cow: 83%, Human: 100%, Rabbit: 100%
Characteristics:	This is a rabbit polyclonal antibody against STEAP4. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	STEAP4
---------	--------

Target Details

Alternative Name:	STEAP4 (STEAP4 Products)
Background:	<p>Metalloreductase has the ability to reduce both Fe(3+) to Fe(2+) and Cu(2+) to Cu(1+). It uses NAD(+) as acceptor.</p> <p>Alias Symbols: DKFZp666D049, FLJ23153, STAMP2, TIARP, TNFAIP9</p> <p>Protein Interaction Partner: TERT, UBC, AKT2,</p> <p>Protein Size: 459</p>
Molecular Weight:	52 kDa
Gene ID:	79689
NCBI Accession:	NM_024636 , NP_078912
UniProt:	Q687X5
Pathways:	Transition Metal Ion Homeostasis

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 459 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-STEAP4 Antibody Titration:
0.2-1 ug/ml Positive Control: Jurkat cell lysate