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Datasheet for ABIN7119515 **anti-STEAP4 antibody**

Overview

Quantity:	100 µg
Target:	STEAP4
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This STEAP4 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP)

Product Details

Immunogen:	STEAP family member 4
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	STEAP4
Alternative Name:	STEAP4 (STEAP4 Products)
Background:	Synonyms:STAMP2, TNFAIP9 Background:Metalloreductase that has the ability to reduce both Fe(3+) to Fe(2+) and Cu(2+) to Cu(1+). Uses NAD(+) as acceptor. Plays a role in systemic metabolic homeostasis, integrating inflammatory and metabolic responses(By similarity). Associated with obesity and insulin-resistance. Involved in inflammatory arthritis, through the

Target Details

	regulation of inflammatory cytokines. Inhibits anchorage-independent cell proliferation.
Molecular Weight:	52 kDa
Gene ID:	79689
UniProt:	Q687X5
Pathways:	Transition Metal Ion Homeostasis

Application Details

Application Notes:	WB: 1:500-1:2000, IP: 1:200-1:1000, IHC: 1:20-1:200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
Expiry Date:	12 months