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Datasheet for ABIN7114431 **anti-GSPT2 antibody**

Overview

Quantity:	100 µg
Target:	GSPT2
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GSPT2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	G1 to S phase transition 2
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	GSPT2
Alternative Name:	GSPT2 (GSPT2 Products)
Background:	Synonyms:ERF3B Background:Involved in translation termination in response to the termination codons UAA, UAG and UGA. May play a role as a potent stimulator of the release factor activity of ETF1. Exhibits GTPase activity, which is ribosome-and ETF1-dependent. May play a role in cell cycle progression. Component of the transient SURF complex which recruits UPF1 to

Target Details

	stalled ribosomes in the context of nonsense-mediated decay(NMD) of mRNAs containing premature stop codons.
Molecular Weight:	69 kDa
Gene ID:	23708
UniProt:	Q8IYD1

Application Details

Application Notes:	WB: 1:500-1:2000, 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