

Datasheet for ABIN1410164
anti-TWSG1 antibody (AA 151-223) (HRP)



[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	TWSG1
Binding Specificity:	AA 151-223
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TWSG1 antibody is conjugated to HRP
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human TWSG1
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Sheep, Pig
Purification:	Purified by Protein A.

Target Details

Target:	TWSG1
Alternative Name:	TWSG1 (TWSG1 Products)
Background:	Synonyms: PSEC0250, TSG, TSG1, twisted gastrulation homolog 1, Twisted gastrulation

Target Details

protein, TWSG1_HUMAN.

Background: Twisted Gastrulation Protein 1(TWSG1) is a secreted BMP binding protein structurally related to the BMP antagonists Chordin and Noggin. TSG can inhibit BMP activity by binding directly to BMP proteins thereby preventing BMPs from binding to their receptors. It can act either as a BMP4 agonist or antagonist (depending on the specific biochemical environment) by binding to the BMP4/Chordin complex.

Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IHC-F 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Handling Advice:	Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months