

Datasheet for ABIN2785514
anti-STAG3 antibody (Middle Region)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	STAG3
Binding Specificity:	Middle Region
Reactivity:	Human, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This STAG3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human STAG3
Sequence:	VPHQVILPAL TLVYFSILWT LTHISKSDAS QKQLSSLRDR MVAFCELCQS
Predicted Reactivity:	Human: 100%, Zebrafish: 83%
Characteristics:	This is a rabbit polyclonal antibody against STAG3. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	STAG3
Alternative Name:	STAG3 (STAG3 Products)

Target Details

Background:	<p>STAG3 is a meiosis specific component of cohesin complex. The cohesin complex is required for the cohesion of sister chromatids after DNA replication. The cohesin complex apparently forms a large proteinaceous ring within which sister chromatids can be trapped. At anaphase, the complex is cleaved and dissociates from chromatin, allowing sister chromatids to segregate. The meiosis-specific cohesin complex probably replaces mitosis specific cohesin complex when it dissociates from chromatin during prophase I.</p> <p>Alias Symbols: -</p> <p>Protein Interaction Partner: SMC3, SMC1A,</p> <p>Protein Size: 1225</p>
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Molecular Weight:	135 kDa
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Gene ID:	10734
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NCBI Accession:	NM_012447 , NP_036579
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UniProt:	Q9UJ98
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Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
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Comment:	Antigen size: 1225 AA
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Concentration:	Lot specific
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Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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Preservative:	Sodium azide
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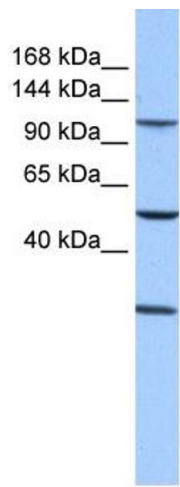
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Handling Advice:	Avoid repeated freeze-thaw cycles.
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Storage:	-20 °C
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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
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aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-STAG3 Antibody Titration:
0.2-1 ug/ml

Positive Control: 721_B cell lysate