

Datasheet for ABIN2790312
anti-STAG2 antibody (C-Term)



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1 Image

Overview

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| Quantity: | 100 µL |
| Target: | STAG2 |
| Binding Specificity: | C-Term |
| Reactivity: | Human, Mouse, Rat, Dog, Cow, Pig, Rabbit, Horse, Zebrafish (Danio rerio) |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This STAG2 antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

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| Immunogen: | The immunogen is a synthetic peptide directed towards the C-terminal region of Human STAG2 |
| Sequence: | LLAGGDDDTM SVISGISSRG STVRSKSKP STGKRKVVEG MQLSLTEESS |
| Predicted Reactivity: | Cow: 100%, Dog: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 79% |
| Characteristics: | This is a rabbit polyclonal antibody against STAG2. It was validated on Western Blot. |
| Purification: | Affinity Purified |

Target Details

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| Target: | STAG2 |
| Alternative Name: | STAG2 (STAG2 Products) |

Target Details

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| Background: | <p>STAG2 is a component of cohesin complex, a complex 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 cohesin complex may also play a role in spindle pole assembly during mitosis.</p> <p>Alias Symbols: DKFZp686P168, DKFZp781H1753, FLJ25871, SA-2, SA2, bA51701.1, SCC3B</p> <p>Protein Interaction Partner: UBC, CDCA5, HDAC8, VCP, SRRM2, RBM14, SFPQ, RAD21, PLK1, NHP2L1, NSMCE2, UBD, SIRT7, SUMO2, SMC3, SMC1A, PDS5A, PDS5B, Stag2, WAPAL, WFDC5, SSU72, SRRM1, STAG1,</p> <p>Protein Size: 1231</p> |
| Molecular Weight: | 141 kDa |
| Gene ID: | 10735 |
| NCBI Accession: | NM_006603 , NP_006594 |
| UniProt: | Q8N3U4 |
| Pathways: | Stem Cell Maintenance |

Application Details

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| Application Notes: | Optimal working dilutions should be determined experimentally by the investigator. |
| Comment: | Antigen size: 1231 AA |
| Restrictions: | For Research Use only |

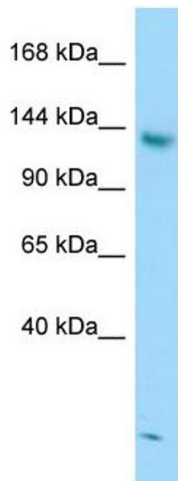
Handling

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| 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. |

Handling

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| 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. |

Images



Western Blotting

Image 1. WB Suggested Anti-STAG2 Antibody Titration: 1.0 ug/ml Positive Control: Jurkat Whole Cell STAG2 is strongly supported by BioGPS gene expression data to be expressed in Human Jurkat cells