

Rabbit anti-Human ROD/KNTC1 Polyclonal Antibody | anti-ROD/KNTC1 antibody

Rabbit anti-ROD/KNTC1 Antibody, Affinity Purified

CATALOG # AAA211598	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

ROD/KNTC1; Polyclonal Antibody; Rabbit anti-ROD/KNTC1 Antibody; Affinity Purified; ROD; Rough deal homolog; Rough Deal homolog; centromere/kinetochore protein; hRod; kinetochore-associated protein 1; HsROD; Kinetochore-associated protein 1; kinetochore associated 1; anti-ROD/KNTC1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-ROD/KNTC1 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 375 and 425
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human ROD/KNTC1 by western blot. Samples: Whole cell lysate (15 ug) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-ROD/KNTC1 antibody AAA211598 (lot AAA211598-2) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



IP (Immunoprecipitation)

Detection of human ROD/KNTC1 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-ROD/KNTC1 antibody AAA211598 (lot AAA211598-2) used for IP at 3 ug per reaction. ROD/KNTC1 was also immunoprecipitated by a previous lot of this antibody (lot AAA211598-1) and rabbit anti-ROD/KNTC1 antibody. For blotting immunoprecipitated ROD/KNTC1, AAA211598 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-ROD/KNTC1 antibody	KNTC1 (kinetochore-associated protein 1) is the human ortholog of the drosophila rough deal (ROD) protein. Defects in the drosophila ROD protein result in chromosome missegregation. Similarly, human ROD (KNTC1) is proposed to function as a mitotic checkpoint protein present in multiprotein complexes of the kinetochore.
Product Categories/Family for anti-ROD/KNTC1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	7661960
NCBI GeneID	9735
NCBI Accession #	NP_055523.1
NCBI GenBank Nucleotide #	NM_014708.5
UniProt Accession #	P50748; A7E2C4; B3KSG2
Molecular Weight	51,102 Da
NCBI Official Full Name	kinetochore-associated protein 1
NCBI Official Synonym Full Names	kinetochore associated 1
NCBI Official Symbol	KNTC1
NCBI Official Synonym Symbols	ROD
NCBI Protein Information	kinetochore-associated protein 1
UniProt Protein Name	Kinetochore-associated protein 1
UniProt Gene Name	KNTC1
UniProt Synonym Gene Names	KIAA0166; HsROD; Rod; hRod

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/rod-kntc1-antibody-immunoprecipitation-western-blot-elisa/211598>