

Rabbit anti-Human, Mouse ZNF207 Polyclonal Antibody | anti-ZNF207 antibody

Rabbit anti-ZNF207 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213437	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

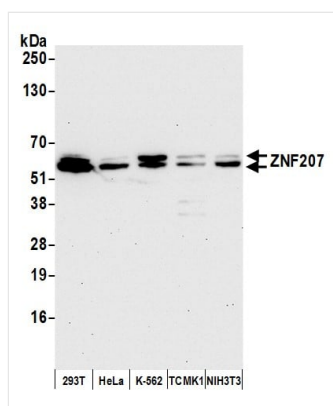
PRODUCT SYNONYMS

ZNF207; Polyclonal Antibody; Rabbit anti-ZNF207 Antibody; Affinity Purified; BUB3-interacting and GLEBS motif-containing protein ZNF207; BuGZ; hBuGZ; Zinc finger protein 207; zinc finger protein 207; anti-ZNF207 antibody

PRODUCT SPECIFICATIONS

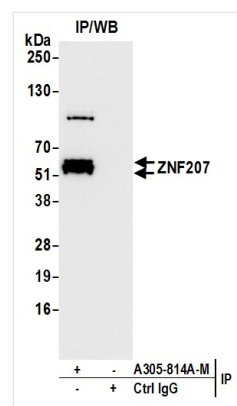
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-ZNF207 antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Orangutan
Immunogen	Between 428 and C-terminus
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 and mouse ZNF207 by western blot. Samples: Whole cell lysate (15 ug) from HEK293T, HeLa, K-562, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-ZNF207 antibody (AAA213437 lot 1) used for WB at 0.04 mg/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human ZNF207 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-ZNF207 antibody (AAA213437 lot 1) used for IP at 1 ug per reaction. For blotting immunoprecipitated ZNF207, AAA213437 was used at 0.04 mg/ml. Detection: Chemiluminescence with an exposure time of 1 second.

ADDITIONAL INFORMATION

Related Product Information for anti-ZNF207 antibody	ZNF207 is a kinetochore- and microtubule-binding protein that plays a key role in spindle assembly. ZNF207/BuGZ is mainly composed of disordered low-complexity regions and undergoes phase transition or coacervation to form temperature-dependent liquid droplets. Coacervation promotes microtubule bundling and concentrates tubulin, promoting microtubule polymerization and assembly of spindle and spindle matrix by concentrating its building blocks. Also acts as a regulator of mitotic chromosome alignment by mediating the stability and kinetochore loading of BUB3. Mechanisms by which BUB3 is protected are unclear: according to a first report, ZNF207/BuGZ may act by blocking ubiquitination and proteasomal degradation of BUB3. According to another report, the stabilization is independent of the proteasome. [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/O43670].
Product Categories/Family for anti-ZNF207 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	7756
UniProt Accession #	O43670
UniProt Protein Name	BUB3-interacting and GLEBS motif-containing protein ZNF207
UniProt Gene Name	ZNF207
UniProt Synonym Gene Names	BUGZ; BuGZ
UniProt Entry Name	ZN207_HUMAN

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://www.aaabiotech.com/polyclonal/znf207-antibody-immunoprecipitation-western-blot-elisa/213437>