

Rabbit ZNF207 Polyclonal Antibody | anti-ZNF207 antibody

ZNF207 Polyclonal Antibody

CATALOG # AAA179235	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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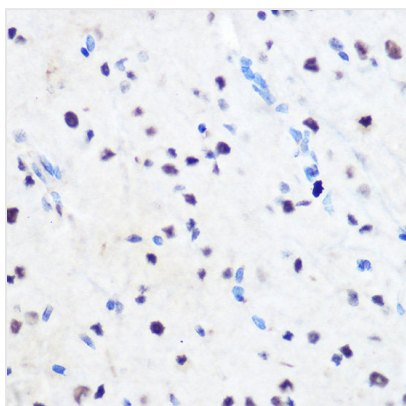
PRODUCT SYNONYMS

ZNF207; Polyclonal Antibody; ZNF207 Polyclonal Antibody; BuGZ; hBuGZ; anti-ZNF207 antibody

PRODUCT SPECIFICATIONS

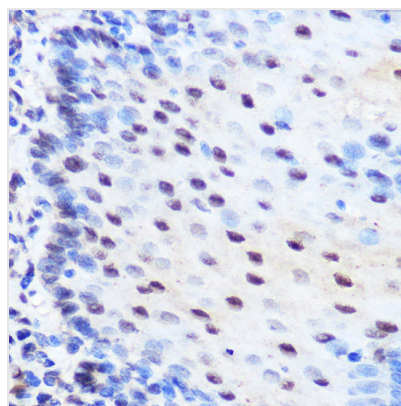
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.01% thiomersal, 50% glycerol, pH 7.3.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-ZNF207 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human ZNF207
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



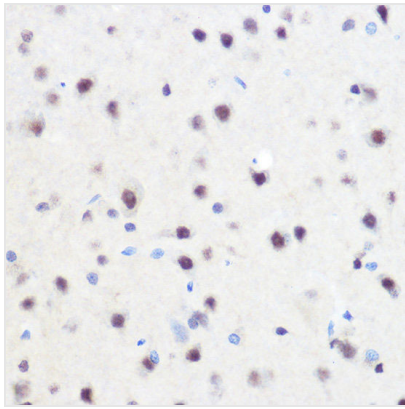
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse spinal cord using ZNF207 Polyclonal Antibody at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



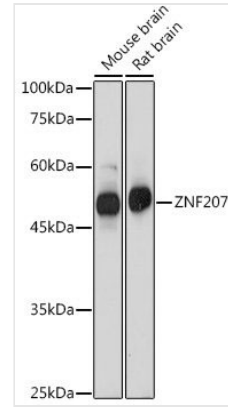
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human esophageal tissue using ZNF207 Polyclonal Antibody at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat brain using ZNF207 Polyclonal Antibody at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



WB (Western Blot)

Western blot analysis of extracts of various cell lines using ZNF207 Polyclonal Antibody at 1:1000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-ZNF207 antibody

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.

Product Categories/Family for anti-ZNF207 antibody

[Antibodies](#); [Primary Antibodies](#); [Polyclonal Antibody](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	73808090
NCBI GeneID	7756
NCBI Accession #	NP_001027464
NCBI GenBank Nucleotide #	NM_001032293
UniProt Accession #	O43670 ; Q53XS9 ; Q96HW5 ; Q9BUQ7 ; A8K6Y6 ; E1P660 ; E1P661 ; E1P662
Molecular Weight	52,694 Da
NCBI Official Full Name	BUB3-interacting and GLEBS motif-containing protein ZNF207 isoform b
NCBI Official Synonym Full Names	zinc finger protein 207
NCBI Official Symbol	ZNF207
NCBI Official Synonym Symbols	BuGZ
NCBI Protein Information	BUB3-interacting and GLEBS motif-containing protein ZNF207
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-immunohistochemistry-western-blot-elisa/179235>