

Rabbit anti-Human, Rat BUD31 Polyclonal Antibody | anti-BUD31 antibody

BUD31 Antibody

CATALOG # AAA310287	HOST Rabbit	REACTIVITY Human, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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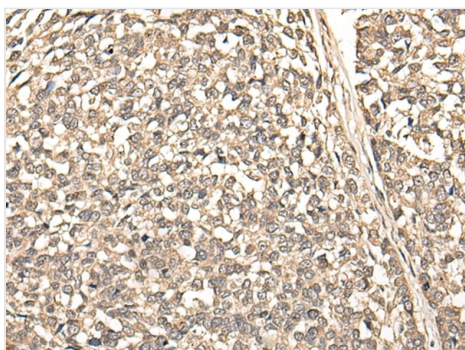
PRODUCT SYNONYMS

BUD31; Polyclonal Antibody; BUD31 Antibody; G10; EDG2; Cwc14; EDG-2; fSAP17; YCR063W; anti-BUD31 antibody

PRODUCT SPECIFICATIONS

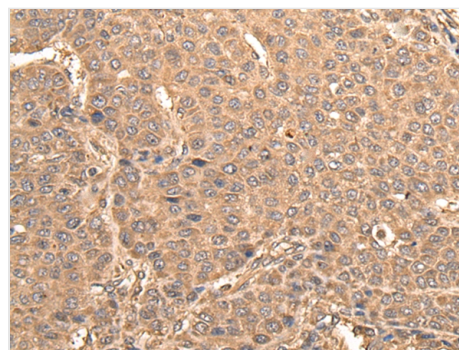
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	The antibody detects endogenous levels of total BUD31 protein.
Purity/Purification	Antigen affinity purification
Form/Format	In pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Concentration	1.8mg/ml (varies by lot)
Sequence Length	1049
Applicable Applications for anti-BUD31 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Full length fusion protein of human BUD31
Immunogen Type	Peptide
Preparation and Storage	Store at -20 degree C.

IMAGES



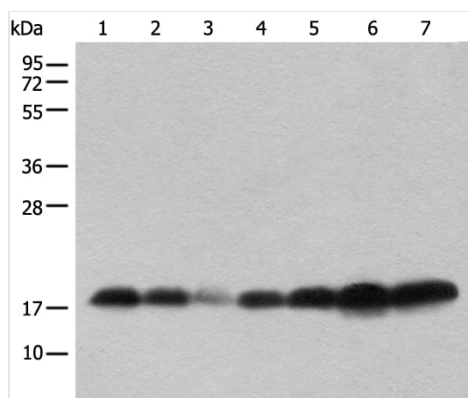
IHC (Immunohistochemisry)

The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using 46359(BUD31 Antibody) at dilution 1/75, on the right is treated with fusion protein. (Original magnification: x200)



IHC (Immunohiostchemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using 46359(BUD31 Antibody) at dilution 1/75, on the right is treated with fusion protein. (Original magnification: x200)



SDS-PAGE

Gel: 12%SDS-PAGE, Lysate: 40 µg, Lane 1-7: Human testis tissue, Mouse brain tissue, Mouse heart tissue, PC-3 cell, 231 cell, Raji and Jurkat cell lysates, Primary antibody: 46359 (BUD31 Antibody) at dilution 1/800, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 10 seconds

ADDITIONAL INFORMATION

Related Product Information for anti-BUD31 antibody

BUD31 (Protein G10 homolog, EDG-2) is a 144 amino acid protein encoded by the human gene BUD31. BUD31 is a nuclear protein that belongs to the BUD31 (G10) family. BUD31 is found on chromosome 7 which is about 158 million bases long, encodes over 1,000 genes and makes up about 5% of the human genome. Chromosome 7 has been linked to osteogenesis imperfecta, Pendred syndrome, lissencephaly, citrullinemia and Shwachman-Diamond syndrome. The deletion of a portion of the long (q) arm of human chromosome 7 is associated with Williams-Beuren syndrome, a condition characterized by mild mental retardation, an unusual comfort and friendliness with strangers and an elfin appearance. Deletions of portions of the q arm of chromosome 7 are also seen in a number of myeloid disorders including cases of acute myelogenous leukemia and myelodysplasia.

Product Categories/Family for anti-BUD31 antibody

Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	22137589
NCBI GeneID	8896
UniProt Accession #	P41223; Q6IB53; Q9UDV1; A4D274; B7Z4S9; D6W5S6
Molecular Weight	17 kDa
NCBI Official Full Name	Homo sapiens BUD31 homolog (S. cerevisiae), mRNA
NCBI Official Synonym Full Names	BUD31 homolog
NCBI Official Symbol	BUD31
NCBI Official Synonym Symbols	G10; EDG2; Cwc14; EDG-2; fSAP17; YCR063W
NCBI Protein Information	protein BUD31 homolog
UniProt Protein Name	Protein BUD31 homolog
UniProt Gene Name	BUD31
UniProt Synonym Gene Names	EDG2

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/bud31-antibody-immunohistochemistry-western-blot-elisa/310287>