

Rabbit BUD31 Polyclonal Antibody | anti-BUD31 antibody

BUD31 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323879	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

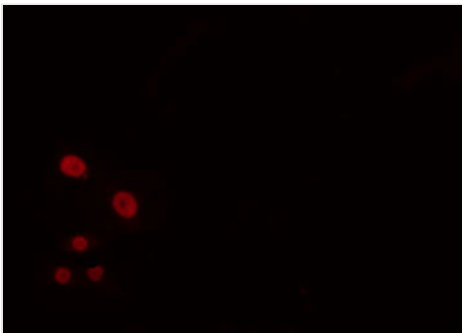
PRODUCT SYNONYMS

BUD31; Polyclonal Antibody; BUD31 Antibody; Bud31; BUD31 homolog (S. cerevisiae); BUD31_HUMAN; Cwc14; EDG 2; EDG2; fSAP17; Functional spliceosome associated protein 17; G10; G10 maternal transcript homolog; Maternal G10 transcript; Protein BUD31 homolog; Protein EDG-2; Protein G10 homolog; YCR063W; anti-BUD31 antibody

PRODUCT SPECIFICATIONS

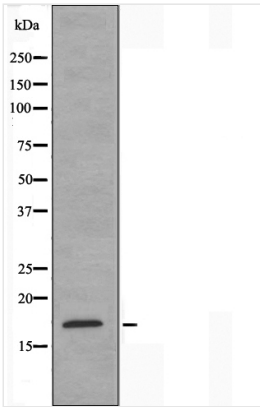
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	BUD31 antibody detects endogenous levels of total BUD31
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	144
Applicable Applications for anti-BUD31 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Nucleus
Tissue Specificity	Detected in epithelial and stromal cells in benign prostate hyperplasia tissue (at protein level).
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (100%), Zebrafish (100%), Bovine (100%), Horse (100%), Rabbit (100%), Dog (100%), Chicken (100%), Xenopus (91%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA323879 staining HeLa cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from Jurkat cells, using BUD31 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-BUD31 antibody

Function: Involved in the pre-mRNA splicing process (PubMed:28502770, PubMed:28076346). May play a role as regulator of AR transcriptional activity; may increase AR transcriptional activity (PubMed:25091737).
Subunit Structure: Identified in the spliceosome C complex (PubMed:28502770, PubMed:28076346). May interact with AR (PubMed:25091737).
Similarity: Contains a short sequence motif (Phe-Xaa-Xaa-Phe-Tyr) that can bind to AR and may modulate AR activity. Belongs to the BUD31 (G10) family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	32171175
NCBI GeneID	8896
NCBI Accession #	NP_003901.2
NCBI GenBank Nucleotide #	NM_003910.3
UniProt Accession #	P41223; Q6IB53; Q9UDV1; A4D274; B7Z4S9; D6W5S6
Molecular Weight	Observed: 17 kD Predicted: 17 kDa
NCBI Official Full Name	protein BUD31 homolog
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.