

Rabbit anti-Human, Mouse EFTUD2 Polyclonal Antibody | anti-EFTUD2 antibody

EFTUD2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324323	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

EFTUD2; Polyclonal Antibody; EFTUD2 Antibody; 116 kDa; 116 kDa U5 small nuclear ribonucleoprotein component; Elongation factor Tu GTP binding domain containing 2; Elongation factor Tu GTP-binding domain-containing protein 2; hSNU114; MFDGA; MFDN; SNRNP116; Snrp116; Snu114; SNU114 homolog; U5 116KD; U5 small nuclear ribonucleoprotein component; U5 snRNP specific protein; 116 kD; U5 snRNP-specific protein; U5-116 kDa; U5-116KD; U5S1_HUMAN; anti-EFTUD2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	EFTUD2 antibody detects endogenous levels of total EFTUD2
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	937
Applicable Applications for anti-EFTUD2 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Nucleus.
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (100%), Zebrafish (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (100%), Xenopus (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA324323 staining 293 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 293 cells using EFTUD2 antibody.



IHC (Immunohistochemistry)

AAA324323 at 1/100 staining Human breast cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-EFTUD2 antibody	Function: Component of the U5 snRNP and the U4/U6-U5 tri-snRNP complex required for pre-mRNA splicing. Binds GTP. Subunit Structure: Component of the U4/U6-U5 tri-snRNP complex composed of the U4, U6 and U5 snRNAs and at least PRPF3, PRPF4, PRPF6, PRPF8, PRPF31, SNRNP200, TXNL4A, SNRNP40, DDX23, CD2BP2, PPIH, SNU13, EFTUD2, SART1 and USP39. Identified in the spliceosome C complex. Interacts with ERBB4 and PRPF8. Interacts with PIH1D1 (PubMed:24656813). Similarity: Belongs to the TRAFAC class translation factor GTPase superfamily. Classic translation factor GTPase family. EF-G/EF-2 subfamily.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	217272894
NCBI GeneID	9343
NCBI Accession #	NP_001136077.1
NCBI GenBank Nucleotide #	NM_001142605.1
UniProt Accession #	Q15029; Q9BUR0; B4DK30; B4DMC0; D3DX58; K7EJ81
Molecular Weight	Observed: 109 kD Predicted: 110 kDa
NCBI Official Full Name	116 kDa U5 small nuclear ribonucleoprotein component isoform b
NCBI Official Synonym Full Names	elongation factor Tu GTP binding domain containing 2
NCBI Official Symbol	EFTUD2
NCBI Official Synonym Symbols	MFDM; MFDGA; Snu114; Snrp116; SNRNP116; U5-116KD
NCBI Protein Information	116 kDa U5 small nuclear ribonucleoprotein component
UniProt Protein Name	116 kDa U5 small nuclear ribonucleoprotein component
UniProt Gene Name	EFTUD2
UniProt Synonym Gene Names	KIAA0031; SNRP116; hSNU114; U5-116 kDa

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/efud2-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/324323>