

Rabbit anti-Human, mouse EEFSEC Polyclonal Antibody | anti-EEFSEC antibody

EEFSEC Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283855	Rabbit	Human, mouse	Immunohistochemistry, ELISA, Western Blot

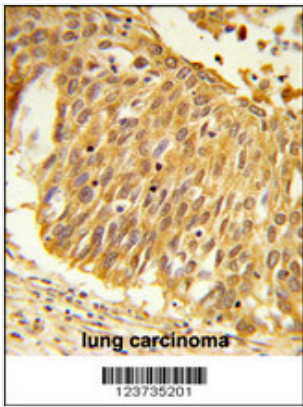
PRODUCT SYNONYMS

EEFSEC; Polyclonal Antibody; EEFSEC Antibody (C-term); Selenocysteine-specific elongation factor; Elongation factor sec; Eukaryotic elongation factor; selenocysteine-tRNA-specific; SELB; anti-EEFSEC antibody

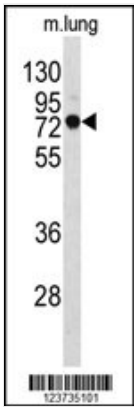
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This EEFSEC antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 541-568 amino acids from the C-terminal region of human EEFSEC.
Purity/Purification	Peptide AffinityPurified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	541-568
Sequence Length	569
Applicable Applications for anti-EEFSEC antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human lung carcinoma reacted with EEFSEC Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of EEFSEC Antibody (C-term) in mouse lung tissue lysates (35ug/lane). EEFSEC (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-EEFSEC antibody	EEFSEC is a translation factor necessary for the incorporation of selenocysteine into proteins. It probably replaces EF-Tu for the insertion of selenocysteine directed by the UGA codon. SelB binds GTP and GDP.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	54607086
NCBI GeneID	60678
NCBI Accession #	NP_068756.2
NCBI GenBank Nucleotide #	NM_021937.4
UniProt Accession #	P57772; Q96HZ6
Molecular Weight	65305
NCBI Official Full Name	selenocysteine-specific elongation factor
NCBI Official Synonym Full Names	eukaryotic elongation factor, selenocysteine-tRNA-specific
NCBI Official Symbol	EEFSEC
NCBI Official Synonym Symbols	SELB; EFSEC
NCBI Protein Information	selenocysteine-specific elongation factor
UniProt Protein Name	Selenocysteine-specific elongation factor
UniProt Gene Name	EEFSEC
UniProt Synonym Gene Names	SELB
UniProt Entry Name	SELB_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.