



Anti-eIF3E (aa 346-445) polyclonal antibody (DPAB-DC1727)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	EIF3E (eukaryotic translation initiation factor 3, subunit E) is a protein-coding gene. Diseases associated with EIF3E include conjunctivitis, and t-cell leukemia, and among its related super-pathways are Eukaryotic Translation Initiation and Formation of the ternary complex, and subsequently, the 43S complex. GO annotations related to this gene include protein N-terminus binding and translation initiation factor activity.
Immunogen	EIF3S6 (NP_001559, 346 a.a. ~ 445 a.a) partial recombinant protein with GST tag. The sequence is RIHQCISINMLADKLNMTPEEAERWIVNLIRNARLDAKIDSKLGHVVMGNNVSPYQQVI EKTKSLSFQRSQMLAMNIEKKLNQNSRSEAPNWATQDSGFY
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Cell lysate), WB (Cell lysate), WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	EIF3E eukaryotic translation initiation factor 3, subunit E [Homo sapiens (human)]
Official Symbol	EIF3E
Synonyms	EIF3E; eukaryotic translation initiation factor 3, subunit E; INT6; EIF3S6; EIF3-P48; eIF3-p46; eukaryotic translation initiation factor 3 subunit E; eIF-3 p48; mammary tumor-associated protein INT6; viral integration site protein INT-6 homolog; eukaryotic translation initiation factor 3 subunit 6; murine mammary tumor integration site 6 (oncogene homolog); eukaryotic translation initiation factor 3, subunit 6 48kDa; eukaryotic translation initiation factor 3, subunit 6 (48kD);
Entrez Gene ID	3646
Protein Refseq	NP_001559
UniProt ID	P60228
Chromosome Location	8q22-q23
Pathway	Activation of the mRNA upon binding of the cap-binding complex and eIFs, and subsequent binding to 43S; Eukaryotic Translation Initiation; Formation of the ternary complex, and subsequently, the 43S complex; Gene Expression
Function	poly(A) RNA binding; protein N-terminus binding; protein binding; translation initiation factor activity