



Mouse anti-Human EEF1A2 polyclonal antibody (DPAB-DC814)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes an isoform of the alpha subunit of the elongation factor-1 complex, which is responsible for the enzymatic delivery of aminoacyl tRNAs to the ribosome. This isoform (alpha 2) is expressed in brain, heart and skeletal muscle, and the other isoform (alpha 1) is expressed in brain, placenta, lung, liver, kidney, and pancreas. This gene may be critical in the development of ovarian cancer.
Immunogen	EEF1A2 (NP_001949, 364 a.a. ~ 462 a.a) partial recombinant protein with GST tag. The sequence is HTAHIAACKFAELKEKIDRRSGKKLEDNPKSLKSGDAAIVEMVPGKPMCVESFSQYPPLGR FAVRDMRQTVAVGVIKNVEKKSGGAGKVTKSAQKAQKAG
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Tissue lysate), WB (Cell lysate), 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	EEF1A2 eukaryotic translation elongation factor 1 alpha 2 [Homo sapiens (human)]
Official Symbol	EEF1A2
Synonyms	EEF1A2; eukaryotic translation elongation factor 1 alpha 2; HS1; STN; EF1A; STNL; EEF1AL; EF-1-alpha-2; elongation factor 1-alpha 2; statin-S1; eukaryotic elongation factor 1 A-2;
Entrez Gene ID	1917
Protein Refseq	NP_001949
UniProt ID	Q05639
Chromosome Location	20q13.3
Pathway	Eukaryotic Translation Elongation; Legionellosis; Metabolism of proteins; RNA transport
Function	GTP binding; GTPase activity; translation elongation factor activity; translation factor activity, nucleic acid binding