

DNAxPAb

Hard-to-Find
Antibody

EIF2S1 DNAxPab

Catalog # H00001965-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human EIF2S1 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MPGLSCRFYQHKFPEVEDVVMVNVRSIAEMGAYVSLLEYNNIEGMILLSELSRRRIRSINKLIRGRN ECVVVIRVDKEKGYIDLKRRVSPEEAIKCEDKFTKSKTVYSILRHVAEVLEYTKDEQLESLEFQRTA WVFDDKYKRPGYGAYDAFKHAVSDPSILDSLNLNEDEREVLINNINRRLTPQAVKIRADIEVACYGY EGIDAVKEALRAGLNCSTENMPIKINLIAPPRVMTTTLERTEGLSVLSQAMAVIKEKIEEKRGVFN VQMEPKVVTDDETALARQMERLERENAEVDGDDDAEEMEAKAED
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)
[Protocol Download](#)
- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — EIF2S1

Entrez GeneID [1965](#)

GeneBank Accession# [NM_004094.4](#)

Protein Accession# [NP_004085.1](#)

Gene Name EIF2S1

Gene Alias EIF-2, EIF-2A, EIF-2alpha, EIF2, EIF2A

Gene Description eukaryotic translation initiation factor 2, subunit 1 alpha, 35kDa

Omim ID [603907](#)

Gene Ontology [Hyperlink](#)

Gene Summary The translation initiation factor eIF2 catalyzes the first regulated step of protein synthesis initiation, promoting the binding of the initiator tRNA to 40S ribosomal subunits. Binding occurs as a ternary complex of methionyl-tRNA, eIF2, and GTP. eIF2 is composed of 3 nonidentical subunits, alpha (36 kD), beta (38 kD, MIM 603908), and gamma (52 kD, MIM 300161). The rate of formation of the ternary complex is modulated by the phosphorylation state of eIF2-alpha (Ernst et al., 1987 [PubMed 2948954]).[supplied by OMIM]

Other Designations eIF-2-alpha|eukaryotic translation initiation factor 2, subunit 1 (alpha, 35kD)

Disease

- [Hepatitis B](#)