DNAxPAb | Hard-to-Find Antibody

YWHAE DNAxPab

Catalog # H00007531-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human YWHAE DNA using DNAx™ Immune te chnology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MDDREDLVYQAKLAEQAERYDEMVESMKKVAGMDVELTVEERNLLSVAYKNVIGARRASWRIIS SIEQKEENKGGEDKLKMIREYRQMVETELKLICCDILDVLDKHLIPAANTGESKVFYYKMKGDYHRY LAEFATGNDRKEAAENSLVAYKAASDIAMTELPPTHPIRLGLALNFSVFYYEILNSPDRACRLAKAA FDDAIAELDTLSEESYKDSTLIMQLLRDNLTLWTSDMQGDGEEQNKEALQDVEDENQ
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 — YWHAE

Entrez GeneID	7531
GeneBank Accession#	NM_006761.3
Protein Accession#	NP_006752.1
Gene Name	YWHAE
Gene Alias	14-3-3E, FLJ45465, KCIP-1, MDCR, MDS
Gene Description	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, epsilon polypeptide
Omim ID	247200 605066
Gene Ontology	Hyperlink
Gene Summary	This gene product belongs to the 14-3-3 family of proteins which mediate signal transduction by binding to phosphoserine-containing proteins. This highly conserved protein family is found in both plants and mammals, and this protein is 100% identical to the mouse ortholog. It interacts with CDC25 phosphatases, RAF1 and IRS1 proteins, suggesting its role in diverse biochemical activities related to signal transduction, such as cell division and regulation of insulin sensitivity. It has also been implicated in the pathogenesis of small cell lung cancer. Two transcript variants, one protein-coding and the other non-protein-coding, have been found for this gene. [provided by RefSeq
Other Designations	14-3-3 epsilon|mitochondrial import stimulation factor L subunit|protein kinase C inhibitor protein-1|tyrosine 3/tryptophan 5 -monooxygenase activation protein, epsilon polypeptide

Pathway

- Cell cycle
- Neurotrophin signaling pathway

Disease

- Genetic Predisposition to Disease