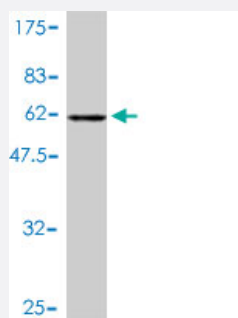


YWHAE polyclonal antibody (A01)

Catalog # H00007531-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (54.16 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a full-length recombinant YWHAE.
Immunogen	YWHAE (AAH00179, 1 a.a. ~ 255 a.a) full-length recombinant protein with GST tag.
Sequence	MDDREDLVYQAKLAEQAERYDEMVESMKKVAGMDVELTVEERNLLSVAYKNVIGARRASWRIIS SIEQKEENKGGEDKLKMIREYRQMVETELKLICCDILDVLDKHLIPAANTGESKVFYYKMKGDYHRY LAEFATGNDRKEAAENSLVAYKAASDIAMTELPPTHPIRLGLALNFSVFYYEILNSPDRACRLAKAA FDDAIAELDTLSEESYKDSLIMQLLRDNLTLWTSDMQGDGEEQNKEALQDVEDENQ
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (100)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (54.16 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — YWHAE

Entrez GeneID	7531
GeneBank Accession#	BC000179
Protein Accession#	AAH00179
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 CD C25 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

Publication Reference

- [Veränderungen des pulmonalen Proteoms in der experimentellen Herzinsuffizienz.](#)

Sarah Hierl.

Thesis for: doctoral 2015 Sep; 1.

Application: WB-Ti, Rabbit, Human pulmonary tissue specimens

Pathway

- [Cell cycle](#)
- [Neurotrophin signaling pathway](#)

Disease

- [Genetic Predisposition to Disease](#)