

Product datasheet for **AP20467PU-S**

14 3 3 eta (YWHAH) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	Western Blot: 1/500-1/1000. Immunofluorescence: 1/50-1/200. Immunohistochemistry on Paraffin Sections: 1/50-1/200.
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptide, corresponding to amino acids 50-100 of Human 14-3-3 η .
Specificity:	This antibody detects endogenous levels of 14-3-3 theta protein. (region surrounding Lys81)
Formulation:	Phosphate Buffered Saline (PBS), pH~7.2 State: Aff - Purified State: Liquid purified Ig fraction (> 95% pure by SDS-PAGE) Preservative: 0.05% Sodium Azide
Concentration:	1.0 mg/ml
Purification:	Affinity Chromatography using epitope-specific immunogen
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	~28 kDa
Gene Name:	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein eta
Database Link:	Entrez Gene 22629 Mouse Entrez Gene 25576 Rat Entrez Gene 7533 Human Q04917



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Background: 14-3-3 eta (YWHAH) belongs to the 14-3-3 family of proteins which mediate signal transduction by binding to phosphoserine or phosphothreonine-containing proteins. YWHAH is an adapter protein implicated in the regulation of a large spectrum of both general and specialized signaling pathways. It binds to a large number of partners and binding generally results in the modulation of the activity of the binding partner. The YWHAH gene contains a 7 bp repeat sequence in its 5' UTR, and changes in the number of this repeat has been associated with early-onset schizophrenia.

Synonyms: Protein AS1, YWHAH, YWHA1

Protein Families: Druggable Genome, Transcription Factors

Protein Pathways: Cell cycle, Neurotrophin signaling pathway, Oocyte meiosis

Product images:

