

#### OriGene Technologies, Inc.

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# Product datasheet for TA311592

# Tryptophan 5 hydroxylase 2 (TPH2) Goat Polyclonal Antibody

## **Product data:**

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 0.5-2ug/ml
Reactivity:	Human (Expected from sequence similarity: Mouse, Rat, Dog, Pig, Cow)
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Peptide with sequence RGFSLDSAVPEEHQ-C, from the N Terminus of the protein sequence according to NP_775489.2.
Formulation:	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.Aliquot and store at -20C. Minimize freezing and thawing.
Concentration:	lot specific
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	tryptophan hydroxylase 2
Database Link:	<u>NP_775489</u> <u>Entrez Gene 216343 MouseEntrez Gene 317675 RatEntrez Gene 481165 DogEntrez Gene</u> <u>121278 Human</u> <u>Q8IWU9</u>
Synonyms:	ADHD7; NTPH
Protein Families:	Druggable Genome
Protein Pathways:	Metabolic pathways, Tryptophan metabolism



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## **Product images:**

250kDa	
150kDa	
100kDa	
75kDa	
50kDa	
37kDa	(0.5ug/ml) staining of HEK293 lysate (35ug protein in RIPA buffer). Primary incubation was 1
25kDa	hour. Detected by chemiluminescence.
20kDa	
15kDa	

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