

Product datasheet for TA355466

Arnt Rabbit Polyclonal Antibody

Product data:

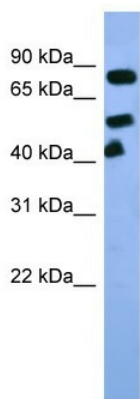
Product Type:	Primary Antibodies
Applications:	IHC, WB
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide corresponding to a region of Rat
Specificity:	Expected reactivity: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep Homology: Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 92%; Rabbit: 92%; Rat: 100%; Sheep: 100%
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	88kDa
Gene Name:	aryl hydrocarbon receptor nuclear translocator
Database Link:	NP_036912 Entrez Gene 405 Human Entrez Gene 25242 Rat P41739
Background:	Arnt is required for activity of the Ah (dioxin) receptor. This protein is required for the ligand-binding subunit to translocate from the cytosol to the nucleus after ligand binding. The complex then initiates transcription of genes involved in the activation of PAH procarcinogens. The heterodimer with HIF1A or EPAS1/HIF2A functions as a transcriptional regulator of the adaptive response to hypoxia.



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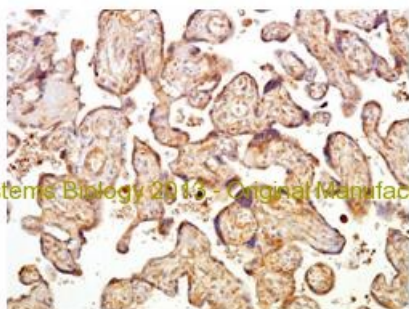
Synonyms: bHLHe2; HIF-1beta; HIF1B; HIF1BETA; TANGO

Product images:



WB Suggested Anti-Arnt Antibody Titration: 0.2-1 ug/ml
 ELISA Titer: 1:312500
 Positive Control: Rat Liver

ARNT



Aviva Systems Biology 2014 - Original Manufacturer of Antibody

Brown: ARNT
Purple: Haemotoxylin

Researcher: Hiten D. Mistry, King's College London
 Application: IHC
 Species + Tissue/Cell type: Human placenta
 Primary antibody dilution: 1:200
 Secondary antibody: Anti-rabbit-HRP
 Secondary antibody dilution: 1:5000