

## HIF-1 $\beta$ /ARNT Rabbit Polyclonal Antibody(F143)

Catalog TDY346C TDY346F

Tel: 010-82908854

Quantity 50 $\mu$ L 100 $\mu$ L

Free: 400-0620-621

Entrez-Gene ID:405 , Swiss-Prot Acc. P27540

**For research use only.**

Applications	Species	Cross-Reactivity	Molecular Weight	Isotype
WB, IHC		H, R, M	87KD	IgG

**Storage Buffer & Condition:** PBS, pH 7.4, containing 0.02% **sodium azide** as Preservative and 50% Glycerol.  
Store at **-20°C**. **Do not aliquot the antibody.**

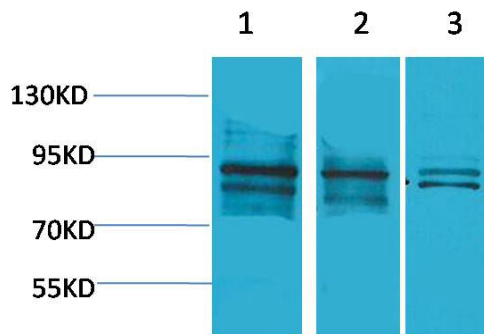
**Recommended dilutions:** WB: 1:1,000-2,000 IHC: 1:200-500

**Optimal dilutions should be determined by the end user.**

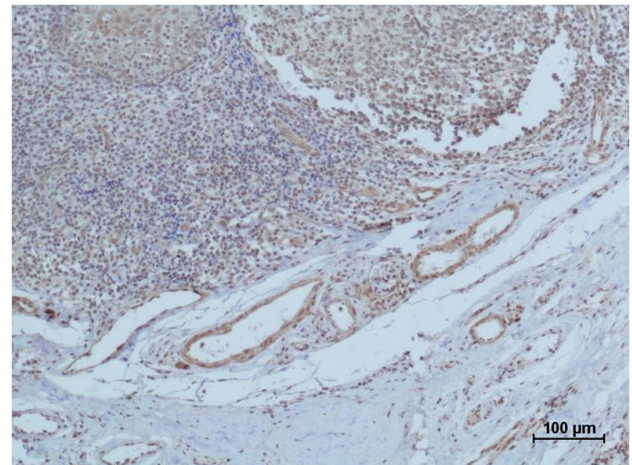
**Specificity:** Antibody can detects endogenous HIF-1  $\beta$  protein.

**Alternative Names:** HIF 1 beta, ARNT, Tango, hypoxia inducible factor 1 beta, Nrnt, Dioxin receptor, bHLH2e

**Background:** Hypoxia-inducible factors (HIFs) are transcription factors that respond to changes in available oxygen in the cellular environment, to be specific, to *decreases* in oxygen, or hypoxia. This protein is required for the ligand-binding subunit to translocate from the cytosol to the nucleus after ligand binding.



Western blot analysis of 1) MCF7, 2)3T3, 3)Rat Brain with HIF-1 $\beta$ /ARNT Rabbit pAb TDY346 diluted at 1:2,000.



Immunohistochemical analysis of paraffin-embedded human Tonsil using HIF-1 $\beta$  (TDY346) Rabbit pAb diluted at 1:500.