

ARNT2 Rabbit pAb

货号: **AYP13267**

产品信息

反应	Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	WB: Mus musculus
应用	WB
推荐浓度	WB: 1:500 - 1:2000
理论分子量	77kDa/78kDa
实测分子量	79-85kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Mouse brain,Rat brain
细胞定位	Nucleus
纯化	Affinity purification

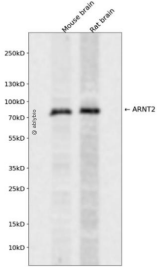
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 440-690 of human ARNT2 (NP_055677.3).
序列	QLQQQAELEVHQRDGLSSYDLSQVPVNPAGVHEAGKSVEKADAIFSQERDPRFAEMFAGISASEKMMSSASAAGT QQIYSQGSPPFSGHSGKAFSSSVVHVPGVNDIQSSSSTGQNMSQISRQLNQSQVAWTGSRPPFPQQIPSSSKTQSSP FGIGTSHYTPADPSSYSPSSPATSSPSGNAYSSLANRTPGFAESGQSSGFQGRPSEVWSQWQSQHGGQSSGEQSH QQPGQTEVFQDMLPM

靶点信息

研究背景	This gene encodes a member of the basic-helix-loop-helix-Per-Arnt-Sim (bHLH-PAS) superfamily of transcription factors. The encoded protein acts as a partner for several sensor proteins of the bHLH-PAS family, forming heterodimers with the sensor proteins that bind regulatory DNA sequences in genes responsive to developmental and environmental stimuli. Under hypoxic conditions, the encoded protein complexes with hypoxia-inducible factor 1alpha in the nucleus and this complex binds to hypoxia-responsive elements in enhancers and promoters of oxygen-responsive genes. A highly similar protein in mouse forms functional complexes with both aryl hydrocarbon receptors and Single-minded proteins, suggesting additional roles for the encoded protein in the metabolism of xenobiotic compounds and the regulation of neurogenesis, respectively.
基因ID	9915
基因名	ARNT2
Swiss	Q9HBZ2
别名	ARNT2;WEDAS;bHLHe1

产品验证



Western blot analysis of ARNT2 expressed in Mouse brain,Rat brain using ARNT2 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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