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DUOX1 Rabbit pAb

货号: AYP11666

产品信息

反应	Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	**IHC:** Mus musculus **WB:** Mus musculus , Trifolium pratense , Meretrix petechialis
应用	WB
推荐浓度	**WB:** 1:500 - 1:2000
理论分子量	137kDa/177kDa
实测分子量	180kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Mouse liver,Rat liver
细胞定位	Apical cell membrane,Multi-pass membrane protein
纯化	Affinity purification

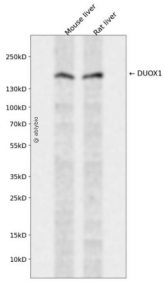
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1312-1551 of human DUOX1 (NP_059130.2).

靶点信息

研究背景	The protein encoded by this gene is a glycoprotein and a member of the NADPH oxidase family. The synthesis of thyroid hormone is catalyzed by a protein complex located at the apical membrane of thyroid follicular cells. This complex contains an iodide transporter, thyroperoxidase, and a peroxide generating system that includes proteins encoded by this gene and the similar DUOX2 gene. This protein is known as dual oxidase because it has both a peroxidase homology domain and a gp91phox domain. This protein generates hydrogen peroxide and thereby plays a role in the activity of thyroid peroxidase, lactoperoxidase, and in lactoperoxidase-mediated antimicrobial defense at mucosal surfaces. Two alternatively spliced transcript variants encoding the same protein have been described for this gene.
基因ID	53905
基因名	DUOX1
Swiss	Q9NRD9 (https://www.uniprot.org/uniprotkb/Q9NRD9/entry)
别名	DUOX1,LNOX1,NOXEF1,THOX1,DUOX1 Rabbit pAb,Large NOX 1,Long NOX 1,NADPH thyroid oxidase 1,Thyroid oxidase 1,DUOX

产品验证



Western blot analysis of DUOX1 expressed in Mouse liver,Rat liver using DUOX1 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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