

Anti-Thyroid hormone receptor alpha Antibody

ER1917-76



Product Type:	Rabbit polyclonal IgG, primary antibodies
Species reactivity:	Human, Mouse, Rat, Chicken, Pig, Horse, Rabbit, Sheep, Guinea pig
Applications:	WB, ELISA, IHC-P, FC, IF
Molecular Wt:	55 KDa

Description: Nuclear hormone receptor that can act as a repressor or activator of transcription. High affinity receptor for thyroid hormones, including triiodothyronine and thyroxine.

Immunogen: KLH conjugated synthetic peptide derived from human Thyroid hormone receptor alpha 81-180/490

Positive control: After the mid-blastula transition (MBT), expressed throughout the deep cells, which give rise to the embryo proper. In adults, isoform 2 shows highest expression in the eye and liver. Expressed in adult gonads.

Subcellular location: Nucleus.

Database links: SwissProt: P10827 Human

Recommended Dilutions:

WB	1:500-2000
ELISA	1:5000-10000
IHC-P	1:100-500
FC	1ug/Test
IF	1:100-500

Storage Buffer: 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

Storage Instruction: Store at -20°C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4°C.

Purity: Protein A affinity purified.

Hangzhou Huaan Biotechnology Co., Ltd.

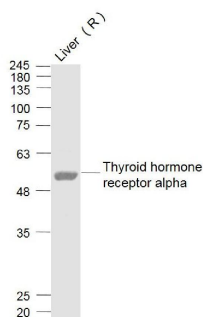
Orders:0086-571-88062880

Technical:0086-571-89986345

Service mail:support@huabio.cn

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Images

**Fig1: Sample:**

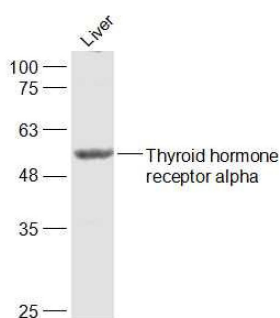
Liver (Rat) Lysate at 40 ug

Primary: Anti- Thyroid hormone receptor alpha (ER1917-76) at 1/500 dilution

Secondary: Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 55 kD

Observed band size: 55 kD

**Fig2: Sample:**

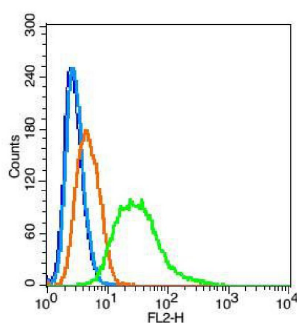
Liver (Mouse) Lysate at 40 ug

Primary: Anti-Thyroid hormone receptor alpha (ER1917-76) at 1/1000 dilution

Secondary: Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 55 kD

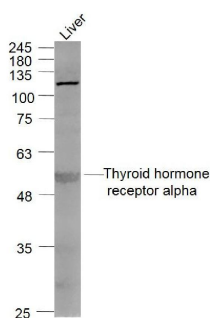
Observed band size: 55 kD

**Fig3: Blank control(blue):** Hela(fixed with 2% paraformaldehyde (10 min) , then permeabilized with 90% ice-cold methanol for 30 min on ice).

Primary Antibody:Rabbit Anti- Thyroid hormone receptor alpha antibody(ER1917-76), Dilution: 1µg in 100 µL 1X PBS containing 0.5% BSA;

Isotype Control Antibody: Rabbit IgG(orange) ,used under the same conditions);

Secondary Antibody: Goat anti-rabbit IgG-PE(white blue), Dilution: 1:200 in 1 X PBS containing 0.5% BSA.

**Fig4: Sample:**

Liver (Mouse) Lysate at 40 ug

Primary: Anti- Thyroid hormone receptor alpha (ER1917-76) at 1/1000 dilution

Secondary: Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 55 kD

Observed band size: 55 kD

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Note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE".

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