

Product datasheet for **TA327294S**

LXR alpha (NR1H3) Rabbit Polyclonal Antibody

Product data:

| | |
|-------------------------|--|
| Product Type: | Primary Antibodies |
| Applications: | ELISA, WB |
| Recommended Dilution: | WB, 1:500 - 1:1000 ELISA, Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Formulation: | PBS with 0.09% Sodium azide, 50% glycerol, pH 7.3. |
| Concentration: | lot specific |
| Purification: | Affinity purification |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C. Avoid freeze / thaw cycles. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 50kDa |
| Gene Name: | nuclear receptor subfamily 1 group H member 3 |
| Database Link: | NP_005684 Entrez Gene 22259 Mouse Entrez Gene 58852 Rat Entrez Gene 10062 Human Q13133 |
| Background: | The protein encoded by this gene belongs to the NR1 subfamily of the nuclear receptor superfamily. The NR1 family members are key regulators of macrophage function, controlling transcriptional programs involved in lipid homeostasis and inflammation. This protein is highly expressed in visceral organs, including liver, kidney and intestine. It forms a heterodimer with retinoid X receptor (RXR), and regulates expression of target genes containing retinoid response elements. Studies in mice lacking this gene suggest that it may play an important role in the regulation of cholesterol homeostasis. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. |



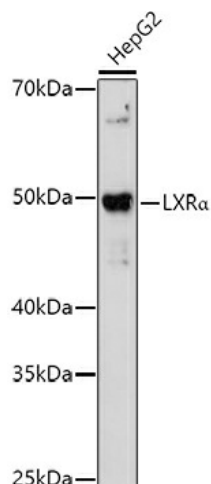
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Synonyms: LXR-a; LXRA; RLD-1

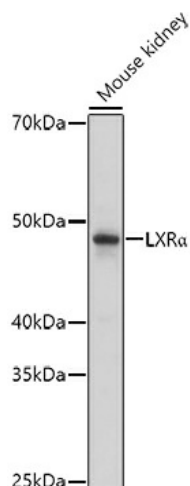
Protein Families: Druggable Genome, Nuclear Hormone Receptor, Transcription Factors

Protein Pathways: PPAR signaling pathway

Product images:



Western blot analysis of lysates from HepG2 cells



Western blot analysis of lysates from Mouse kidney