
LXR-A Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 254211

Unit: 0.1 mg

Description:

LXR-A belongs to the Liver X Receptor family that encodes highly homologous transcription factors. Like the highly homologous LXR-B, LXR-A forms heterodimers with the retinoic acid receptor RXRalpha, function as sensors for cellular oxysterols which when activated, increase the expression of genes that control sterol and fatty acid metabolism and homeostasis. Recent experiments have indicated that the LXRs can also modulate both innate and adaptive immune responses. Human and mouse tumors produce LXR ligands that inhibit CCR7 expression on maturing dendritic cells (DCs), thereby allowing tumor immunoescape. In mouse models, it was shown that ablating LXR-A signaling led to an immune-mediated strong inhibition of tumor growth, suggesting that manipulation of this pathway may be a viable anti-cancer approach.

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: H, M, R

Format: Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: LXR-A; Liver X receptor A; LXRA; nuclear receptor subfamily 1 group H member 3; NR1H3

Accession No.: NP_005684

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human LXR-A.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:00-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.