

# Anti-IFNAR2 Antibody

## HA500425



<b>Product Type:</b>	Rabbit polyclonal IgG, primary antibodies
<b>Species reactivity:</b>	Human, Rat
<b>Applications:</b>	WB
<b>Molecular Wt:</b>	Predicted band size: 58 kDa

**Description:** Interferon-alpha/beta receptor beta chain is a protein that in humans is encoded by the IFNAR2 gene. The protein encoded by this gene is a type I membrane protein that forms one of the two chains of a receptor for interferons alpha and beta. Binding and activation of the receptor stimulates Janus protein kinases, which in turn phosphorylate several proteins, including STAT1 and STAT2. Multiple transcript variants encoding at least two different isoforms have been found for this gene.

**Immunogen:** Synthetic peptide within Human IFNAR2 aa 466-515 / 515.

**Positive control:** Hela cell lysate, SW480 cell lysate, LO2 cell lysate, rat liver tissue lysate.

**Subcellular location:** Cell membrane; Secreted.

**Database links:** SwissProt: P48551 Human  
Entrez Gene: 686326 Rat

**Recommended Dilutions:**  
**WB** 1:500

**Storage Buffer:** PBS (pH7.4), 0.1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.

**Storage Instruction:** Store at +4°C after thawing. Aliquot store at -20°C. Avoid repeated freeze / thaw cycles.

**Purity:** Immunogen affinity purified.

Hangzhou HuaAn Biotechnology Co.,Ltd.

Orders: 0086-571-88062880

Technical:0086-571-89986345

Service mail: support@huabio.cn

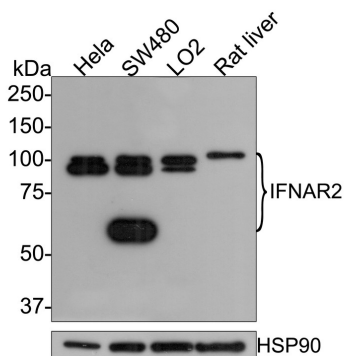
www.huabio.cn



## Images

**Fig1:** Western blot analysis of IFNAR2 on different lysates with Rabbit anti-IFNAR2 antibody (HA500425) at 1/500 dilution.

Lane 1: HeLa cell lysate (30 µg/Lane)  
 Lane 2: SW480 cell lysate (10 µg/Lane)  
 Lane 3: LO2 cell lysate (20 µg/Lane)  
 Lane 4: Rat liver tissue lysate (40 µg/Lane)



Predicted band size: 58 kDa  
 Observed band size: 58/95/100 kDa (Predicted glycosylation modification)

Exposure time: 2 minutes;

8% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDN/TBST for 1 hour at room temperature. The primary antibody (HA500425) at 1/500 dilution was used in 5% NFDN/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody (HA1001) at 1:300,000 dilution was used for 1 hour at room temperature.

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

### Background References

1. Qing J et al. Identification of Interferon Receptor IFNAR2 As a Novel HCV Entry Factor by Using Chemical Probes. ACS Chem Biol. 2020 May
2. Shemesh M et al. IFNAR1 and IFNAR2 play distinct roles in initiating type I interferon-induced JAK-STAT signaling and activating STATs. Sci Signal. 2021 Nov



Hangzhou HuaAn Biotechnology Co.,Ltd.

Orders: 0086-571-88062880

Technical:0086-571-89986345

Service mail: support@huabio.cn

www.huabio.cn