

ARG43956 anti-PPP1R11 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes PPP1R11
Tested Reactivity	Hu, Ms, Rat
Tested Application	ELISA, FACS, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	PPP1R11
Species	Human
Immunogen	Human PPP1R11 recombinant protein
Conjugation	Un-conjugated
Alternate Names	PPP1R11; Protein Phosphatase 1 Regulatory Inhibitor Subunit 11; HCGV; CFAP255; HCG-V; TCTE5; Protein Phosphatase 1 Regulatory Subunit 11; Hemochromatosis Candidate Gene V Protein; E3 Ubiquitin-Protein Ligase PPP1R11; Protein Phosphatase Inhibitor 3; Tctex5; HCG V; Protein Phosphatase 1, Regulatory (Inhibitor) Subunit 11; T-Complex-Associated-Testis-Expressed 5; Inhibitor-3; EC 2.3.2.27; TCTEX5; IPP3

Application Instructions

Application table	Application	Dilution
	ELISA	0.1-0.5 µg/ml
	FACS	1-3 µg /1x10 ⁶ cells
	WB	0.25-0.5 µg/ml

Application Note * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Affinity purified with Immunogen.
Buffer	0.9% NaCl, 0.2% Na ₂ HPO ₄ and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

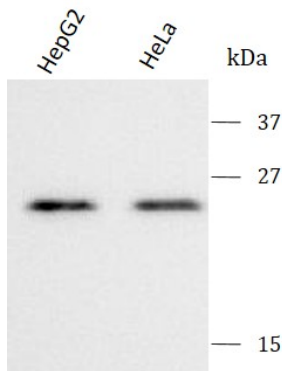
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

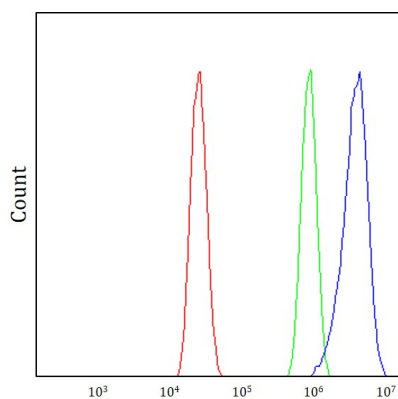
Gene Symbol	PPP1R11
Gene Full Name	Protein Phosphatase 1 Regulatory Inhibitor Subunit 11
Background	This gene encodes a specific inhibitor of protein phosphatase-1 (PP1) with a differential sensitivity toward the metal-independent and metal-dependent forms of PP1. The gene is located within the major histocompatibility complex class I region on chromosome 6.
Function	Atypical E3 ubiquitin-protein ligase which ubiquitinates TLR2 at 'Lys-754' leading to its degradation by the proteasome. Plays a role in regulating inflammatory cytokine release and gram-positive bacterial clearance by functioning, in part, through the ubiquitination and degradation of TLR2.
Calculated Mw	14 kDa
PTM	Acetylation, Phosphoprotein, Ubl conjugation
Cellular Localization	Cytoplasm, Nucleus

Images



ARG43956 anti-PPP1R11 antibody WB image

Western blot: HepG2 and HeLa stained with ARG43956 anti-PPP1R11 antibody at 0.5 $\mu\text{g}/\text{mL}$ dilution.

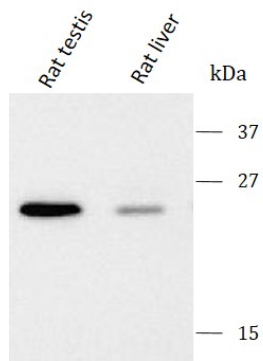


ARG43956 anti-PPP1R11 antibody FACS image

Flow Cytometry: MCF-7 cells stained with ARG43956 anti-PPP1R11 antibody (blue) at 1 $\mu\text{g}/1 \times 10^6$ cells dilution.

ARG43956 anti-PPP1R11 antibody WB image

Western blot: Rat testis and Rat liver stained with ARG43956 anti-PPP1R11 antibody at 0.5 $\mu\text{g}/\text{mL}$ dilution.



ARG43956 anti-PPP1R11 antibody WB image

Western blot: Mouse testis stained with ARG43956 anti-PPP1R11 antibody at 0.5 $\mu\text{g}/\text{mL}$ dilution.

