

Anti-CYP4V2 antibody (206-525) (STJ28656)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

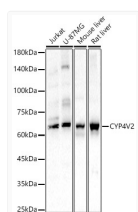
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 61kDa Observed Mw: 61kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

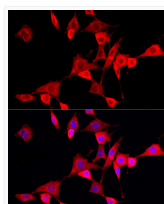
Gene ID	285440
Gene Symbol	CYP4V2
UniProt ID	CP4V2_HUMAN
Immunogen Region	206-525
Immunogen Sequence	ICETAMGKNIGAQSNDDSEY VRAVYRMSEMIFRRIKMPWL WLDLWYLMFKEGWEHKKSLQ ILHTFTNSVIAERANEMNAN EDCRGDGRGSAPSKNKRRAF LDLLSVTDDEGNRLSHEDI REEVDTFMFEGHDTTAAAIN WSLYLLGSNPEVQKKVDHEL DDVFGKSDRPATVEDLKKLR YLECVIKETLRLFPSVPLFA RSVSEDCVAGYRVLKGTEA VIIPYALHRDPRYFPNPEE
Specificity	A synthetic peptide corresponding to a sequence within amino acids 200-300 of human CYP4V2 (NP_997235.3).

ADDITIONAL INFORMATION

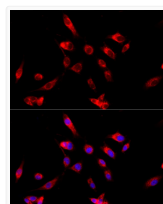
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Western blot analysis of various lysates, using CYP4V2 antibody (STJ28656) at 1:900 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.



Immunofluorescence analysis of NIH/3T3 cells using CYP4V2 rabbit polyclonal antibody (STJ28656) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U-87MG cells using CYP4V2 rabbit polyclonal antibody (STJ28656) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.