

Anti-CYP11B2 antibody (1-100) (STJ11105453)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

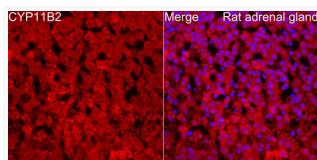
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:5000 IF/CC:1:100-1:500 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 57kDa Observed Mw: 50kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

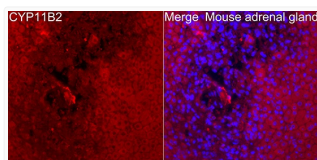
Gene ID	1585
Gene Symbol	CYP11B2
UniProt ID	C11B2_HUMAN
Immunogen Region	1-100
Immunogen Sequence	MALRAKAEVCVAAPWLSLQR ARALGTRAARAPRTVLPFEA MPQHGPGRWLRLLLQIWREQG YEHLHLEMHQTFQELGPIFR YNLGGPRMVCVMLPEDVEKL
Specificity	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human CYP11B2 (NP_000489.3).

ADDITIONAL INFORMATION

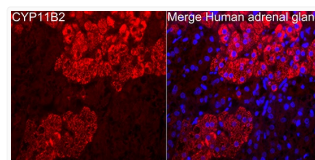
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



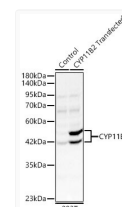
Immunofluorescence analysis of paraffin-embedded Rat adrenal gland using CYP11B2 Rabbit polyclonal antibody (STJ11105453) at a dilution of 1:200 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of paraffin-embedded Mouse adrenal gland using CYP11B2 Rabbit polyclonal antibody (STJ11105453) at a dilution of 1:200 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of paraffin-embedded Human adrenal gland using CYP11B2 Rabbit polyclonal antibody (STJ11105453) at a dilution of 1:200 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Western blot analysis of lysates from wild type (WT) and 293T cells transfected with CYP11B2 using CYP11B2 Rabbit polyclonal antibody (STJ11105453) at 1:2000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.