

Anti-AKR1A1 antibody (1-325) (STJ115538)

GENERAL INFORMATION

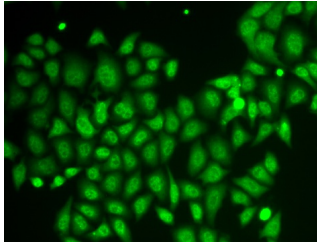
Product Type	Primary antibodies
Short Description	
Applications	WB/IHC-P/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

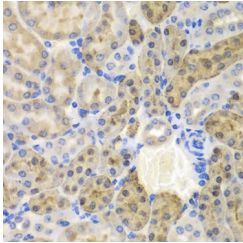
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution	WB:1:500-1:2000
Range	IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
Instruction	

TARGET INFORMATION

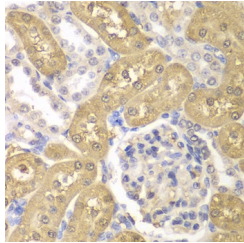
Gene ID	10327
Gene Symbol	AKR1A1
Uniprot ID	AK1A1_HUMAN
Immunogen	
Region	1-325
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-325 of human AKR1A1 (NP_006057.1).
Immunogen Sequence	MAASCVLLHTGQKMPLIGLG TWKSEPGQVKA AVKYALSVG YRHIDCAAIYGNEPEIGEAL KEDVGPGKAVPREELFVTSK LWNTKHHPEDVEPALRKTLA DLQLEYLDLYLMHWPYAFER GDNPFKPNADGTICYDSTHY KETWKALEALVAKGLVQALG LSNFNSRQIDDILSVASVRP AVLQVECHPYLAQNELIAHC QARGLEVTAYSPLGSSDRAW RDPDEPVLLEEPVVLALAE



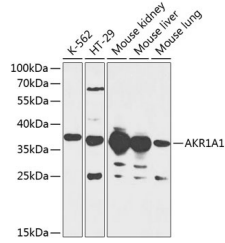
Immunofluorescence analysis of HeLa cells using AKR1A1 antibody (STJ115538).



Immunohistochemistry analysis of paraffin-embedded mouse kidney using AKR1A1 antibody (STJ115538) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7. 2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded rat kidney using AKR1A1 antibody (STJ115538) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7. 2 before commencing with immunohistochemistry staining protocol.



Western blot analysis of extracts of various cell lines, using AKR1A1 antibody (STJ115538) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
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