

Rabbit anti-Human, Pig Cytochrome P450 26A1 Polyclonal Antibody | anti-CYP26A1 antibody

Polyclonal Antibody to Cytochrome P450 26A1 (CYP26A1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA20841	Rabbit	Human, Pig	Western Blot, Immunocytochemistry, Immunohistochemistry, ELISA

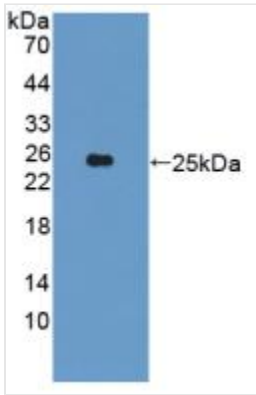
PRODUCT SYNONYMS

Cytochrome P450 26A1; Polyclonal Antibody; Polyclonal Antibody to Cytochrome P450 26A1 (CYP26A1); anti-CYP26A1 antibody

PRODUCT SPECIFICATIONS

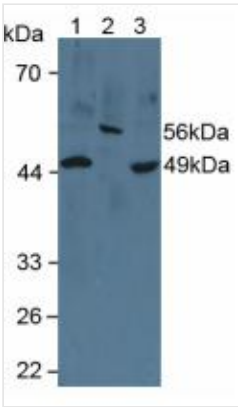
Host	Rabbit
Reactivity	Human, Pig
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against CYP26A1. It has been selected for its ability to recognize CYP26A1 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with a C-terminal tag, His-tag and T7-tag and its sequence is listed below. MGSSH HHHHHSSGLV PRGSHMASMT GGQMGGRGSE F-RKYGFIYK THLFGRPTVR VMGADNVRRIL LGEHRLVSV HWPASVRTIL GSGCLSNLHD SSHKQRKKVI MRAFSREALE CYVPVITEEV GSSLEQWLSC GERGLLVYPE VKRLMFRIAM RILLGCEPQL AGDGDSEQQQL
Sequence Length	497
Applicable Applications for anti-CYP26A1 antibody	WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry), ELISA
Application Notes	Western blotting: 0.5-5ug/mL Immunohistochemistry: 5-20ug/mL Immunocytochemistry: 5-20ug/mL Optimal working dilutions must be determined by end user.
Fragment	CYP26A1 (Arg73-Ile255)
Organism Species	Homo sapiens (Human)
Cross Reactivity	Human, Pig
Conjugate	No Conjugate
Immunogen	Recombinant CYP26A1 (Arg73-Ile255) expressed in E. coli.
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



Knockout Validation

Knockout Validation: Lane 1: Wild-type Jurkat cell lysate; Lane 2: CYP26A1 knockout Jurkat cell lysate; Predicted MW: 49,56kd Observed MW: 56kd Primary Ab: 3ug/ml Rabbit Anti-Human CYP26A1 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Human.



WB (Western Blot)

Western Blot: Sample: Lane1: Porcine Liver Tissue; Lane2: Human Jurkat Cells; Lane3: Porcine Heart Tissue.

ADDITIONAL INFORMATION

Product Categories/Family for anti-CYP26A1 antibody	Knock-Out Validation Antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	16933530
NCBI GeneID	1592
NCBI Accession #	NP_000774.2
NCBI GenBank Nucleotide #	NM_000783.3
UniProt Accession #	O43174; Q5VXH9; Q5VXI0; B3KNI4
Molecular Weight	48,558 Da
NCBI Official Full Name	cytochrome P450 26A1 isoform 1
NCBI Official Synonym Full Names	cytochrome P450 family 26 subfamily A member 1
NCBI Official Symbol	CYP26A1
NCBI Official Synonym Symbols	CP26; CYP26; P450RAI; P450RAI1
NCBI Protein Information	cytochrome P450 26A1
UniProt Protein Name	Cytochrome P450 26A1
UniProt Gene Name	CYP26A1
UniProt Synonym Gene Names	CYP26; P450RAI1; Cytochrome P450RAI; hP450RAI

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.