

Product datasheet for **TA329676**

CYP1A1 Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 0.3-1ug/ml
Reactivity:	Human
Host:	Goat
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Peptide with sequence CQEKQLDENANVQ, from the internal region of the protein sequence according to NP_000490.1
Formulation:	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Concentration:	lot specific
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	cytochrome P450 family 1 subfamily A member 1
Database Link:	NP_000490 Entrez Gene 1543 Human P04798
Synonyms:	AHH; AHRR; CP11; CYP1; CYP1A1; P1-450; P450-C; P450DX
Note:	This antibody is not expected to cross-react with the similar P450 1A2. Approx 85-90kDa band observed in lysates of cell lines A549 and MCF7 (calculated MW of 58.2kDa according to NP_000490.1). The observed molecular weight corresponds to earlier findings
Protein Families:	Druggable Genome, P450, Transmembrane
Protein Pathways:	Metabolism of xenobiotics by cytochrome P450, Retinol metabolism, Tryptophan metabolism



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Product images:

TA329676 (0.3ug/ml) staining of A549 (A) and MCF7 (B) lysates (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.