

# Product Datasheet

## Cytochrome P450 1A2 Antibody

### NBP1-97780

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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**NBP1-97780**

## Cytochrome P450 1A2 Antibody

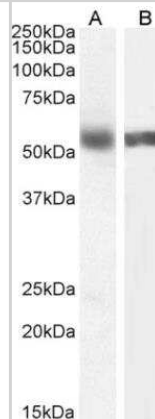
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Description	Novus Biologicals Goat Cytochrome P450 1A2 Antibody (NBP1-97780) is a polyclonal antibody validated for use in WB and ELISA. Anti-Cytochrome P450 1A2 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	1544
Gene Symbol	CYP1A2
Species	Human, Mouse
Specificity/Sensitivity	This antibody is not expected to cross-react to the similar P450 1A1.
Immunogen	Peptide with sequence C-HSENYKDNGGLIPEEK corresponding to internal region according to Uniprot Mouse NP_034123.1.

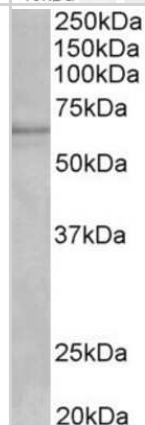
Product Application Details	
Applications	Western Blot, Peptide ELISA
Recommended Dilutions	Western Blot 1 - 3 ug/ml, Peptide ELISA Detection limit 1:32000
Application Notes	WB: Approx. 60 kDa band observed in mouse fetal liver lysates (calculated MW of 58.2 kDa band according to NP_034123.1).

## Images

Western Blot: Cytochrome P450 1A2 Antibody [NBP1-97780] - staining of Human Liver (A) and (1ug/ml) Lung (B) lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Western Blot: Cytochrome P450 1A2 Antibody [NBP1-97780] - (1ug/ml) Analysis of fetal Mouse Liver lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



## Publications

Sulem P, Gudbjartsson DF, Geller F et al. Sequence variants at CYP1A1-CYP1A2 and AHR associate with coffee consumption. *Hum Mol Genet* 2011-05-15 [PMID: 21357676]



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### Products Related to NBP1-97780

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

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### Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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