58kDa

## CAB0062



## **Product Information**

Product SKU:	CAB0062	Gene ID:	1544		Size:	20uL, 100uL	
Clone No:	-	Host Species:	Rabbit		<b>Reactivity</b> :	Human, Mouse, Rat	
Additional Information							
<b>Observed MW</b> :	54kDa		Conjugate:	Unconjugated	k		

Isotype:

lgG

## **Immunogen Information**

Calculated MW:

Background:	This gene encodes a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450
	proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis
	of cholesterol, steroids and other lipids. The protein encoded by this gene localizes to the endoplasmic
	reticulum and its expression is induced by some polycyclic aromatic hydrocarbons (PAHs), some of which
	are found in cigarette smoke. The enzyme's endogenous substrate is unknown; however, it is able to
	metabolize some PAHs to carcinogenic intermediates. Other xenobiotic substrates for this enzyme
	include caffeine, aflatoxin B1, and acetaminophen. The transcript from this gene contains four Alu
	sequences flanked by direct repeats in the 3' untranslated region.
Recommended Dilution:	WB,1:500 - 1:2000 IF/ICC,1:50 - 1:200
Synonyms:	CP12; CYPIA2; P3-450; P450(PA); CYP1A2
Purifcation Method:	Affinity purification
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 205-305 of human
	CYP1A2 (NP_000752.2).
Storage:	Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.