

Product datasheet for **SP1320A**

Cytochrome P450 1A2 (CYP1A2) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	Western Blot: 1/5000-1/10000. Functional Assays: 1-20 µl.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Purified human CYP1A2 expressed in <i>E. Coli</i>
Specificity:	SP1320A recognizes Cytochrome p450 1A2 (CYP1A2). This antibody is a Neutralizing antibody which is a specific and potent inhibitor of CYP1A2 activity.
Formulation:	State: Azide Free State: Liquid Serum without preservatives.
Conjugation:	Unconjugated
Storage:	The antibody can be shipped at 2-8°C. Store the antibody (in aliquots) at -20°C only. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	cytochrome P450 family 1 subfamily A member 2
Database Link:	Entrez Gene 1544 Human P05177
Background:	P450 enzymes are divided into two groups: steroidogenic and xenobiotic. The latter group is comprised of three families 1, 2 and 3. The xenobiotic p450s are involved in most oxidative drug metabolism. Work in this area is ongoing but studies suggest that all known drug metabolism is mediated by family members: CYP3A, CYP2D6, CYP1A2, CYP2C9/10, CYP2C19 and CYP2E1.
Synonyms:	Cytochrome P450 1A2, CYP1A2, Cytochrome P450-P3, Cytochrome P(3)450, Cytochrome P450 4



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