

## Product datasheet for **SP1332A**

### Cytochrome P450 3A4 (CYP3A4) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	FN, WB
Recommended Dilution:	Western blot (1:5,000 - 1:10,000). Inhibition Assays (2-20µl).
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Purified human CYP3A4 expressed in E.Coli
Specificity:	This antibody recognises human cytochrome p450 3A4 (CYP3A4). It is a neutralizing antibody which is a specific and potent inhibitor of CYP3A4.
Formulation:	Serum without preservative State: Azide Free State: Liquid
Purification:	None
Conjugation:	Unconjugated
Storage:	Store at -20°C. Ship at 2-8°C. This product should be stored undiluted. Avoid repeated freezing and thawing.
Stability:	Shelf life: One year from despatch.
Gene Name:	cytochrome P450 family 3 subfamily A member 4
Database Link:	<a href="#">Entrez Gene 1576 Human P08684</a>
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 p450's 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.



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**Synonyms:**

CYP3A3, Cytochrome P450 3A4, CYP11A4, Nifedipine oxidase, Cytochrome P450 3A3, CYP11A3, Cytochrome P450 H1p, Cytochrome P450 NF-25, Cytochrome P450-PCN1, Albendazole monooxygenase, Albendazole sulfoxidase