

## Datasheet

### CYP2A13 MaxPab rabbit polyclonal antibody (D01)

**Catalog Number:** H00001553-D01

**Regulation Status:** For research use only (RUO)

**Product Description:** Rabbit polyclonal antibody raised against a full-length human CYP2A13 protein.

**Immunogen:** CYP2A13 (AAI53001.1, 1 a.a. ~ 494 a.a) full-length human protein.

**Sequence:**

MLASGLLLVTLACLTVMLMSVWRQRKSRGKLPPGP  
TPLPFIGNYLQLNTEQMYNSLMKISERYGPVFTIHLGP  
RRVVVLCGHDAVKEALVDQAEFSGRGEQATFDWLF  
KGYGVAFSNGERAKQLRRFSIATLRGFGVGKRGIEERI  
QEEAGFLIDALRGTHGANIDPTFFLSRTVSNVISSIVFG  
DRFDYEDKEFLSLLRMMLGSFQFTATSTGQLYEMFSS  
VMKHLPGPQQQAFKELQGLEDFIAKKVEHNQRTLDPN  
SPRDFIDSFLIRMQEEKPNTEFYLNLMVMTTLNLFFA  
GTETVSTTLRYGFLLLMKHPEVEAKVHEEIDRVIGKNR  
QPKFEDRAKMPYTEAVIHEIQRFDMPLMGLAHRVKN  
DTKFRDFFLPKGTEVFPMLGSVLRDPRFFSNPRDFNP  
QHFLDKKGQFKKSDAFVPFSIGKRYCFGEGLARMELF  
LFFTTIMQNFRFKSPQSPKDIDVSPKHVGFATIPRNYT  
MSFLPR

**Host:** Rabbit

**Reactivity:** Human

**Applications:** IP, WB-Tr

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Storage Buffer:** No additive

**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 1553

**Gene Symbol:** CYP2A13

**Gene Alias:** CPAD, CYP2A

**Gene Summary:** 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. This protein localizes to the endoplasmic reticulum. Although its endogenous substrate has not been determined, it is known to metabolize 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone, a major nitrosamine specific to tobacco. This gene is part of a large cluster of cytochrome P450 genes from the CYP2A, CYP2B and CYP2F subfamilies on chromosome 19q. [provided by RefSeq]