

## ADX rabbit pAb

<b>Catalog No :</b>	YT8131
<b>Reactivity :</b>	Human;Mouse;Rat
<b>Applications :</b>	IHC;WB
<b>Target :</b>	FDX1
<b>Gene Name :</b>	FDX1 ADX
<b>Protein Name :</b>	Adrenodoxin, mitochondrial (Adrenal ferredoxin) (Ferredoxin-1) (Hepatoredoxin)
<b>Human Gene Id :</b>	2230
<b>Human Swiss Prot No :</b>	P10109
<b>Mouse Gene Id :</b>	14148
<b>Mouse Swiss Prot No :</b>	P46656
<b>Rat Gene Id :</b>	29189
<b>Rat Swiss Prot No :</b>	P24483
<b>Immunogen :</b>	Synthesized peptide derived from human N-terminal ADX
<b>Specificity :</b>	This antibody detects endogenous levels of ADX at Human, Mouse,Rat
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500-2000 IHC 1:50-200
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

**Concentration :** 1 mg/ml

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**Storage Stability :** -15°C to -25°C/1 year(Do not lower than -25°C)

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**Molecularweight :** 20kD

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**Function :** Essential for the synthesis of various steroid hormones . Participates in the reduction of mitochondrial cytochrome P450 for steroidogenesis . Transfers electrons from adrenodoxin reductase to CYP11A1 , a cytochrome P450 that catalyzes cholesterol side-chain cleavage . Does not form a ternary complex with adrenodoxin reductase and CYP11A1 but shuttles between the two enzymes to transfer electrons (By similarity).

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**Subcellular Location :** Mitochondrion matrix .

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**Expression :** Highest levels in the adrenal gland (at protein level). Also detected in kidney and testis (at protein level).

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## Products Images