



# Taq antibody

Catalog #	Pack size	Price(USD)
AT0428-S	500U(5U/ul)	\$50.00
AT0428-M	5000U(5U/ul)	\$150.00
AT0428-L	50000U(5U/ul)	\$1200.00

Taq Antibody is a monoclonal antibody that binds Taq polymerase and inhibits its activity until reaction temperature is elevated. At that point, the Taq Antibody is denatured and releases its hold on Taq polymerase, allowing DNA synthesis to proceed. The binding of the Taq Antibody to Taq polymerase is the premise of hot-start PCR. The antibody is denatured during the initial denaturation step, so there is no need for a special denaturation step. Taq polymerase can be used in general PCR conditions.

**Features:**

- Inhibition of >95% Taq activity at 37-60°C
- >95% by SDS-PAGE

**Application:**

- Thermolabile inhibition of Taq DNA polymerases
- RT-qPCR
- qPCR



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