

**Diphtheria toxin fragment B Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP54298****Specification****Diphtheria toxin fragment B Polyclonal Antibody - Product Information**

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	<a href="#">P00588</a>
Host	Rabbit
Clonality	Polyclonal
Calculated MW	38/62 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human Diphtheria toxin fragment B
Epitope Specificity	226-326/567
Isotype	IgG
<b>Purity</b>	
affinity purified by Protein A	
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

**Diphtheria toxin fragment B Polyclonal Antibody - Additional Information****Other Names**

Diphtheria toxin, DT, NAD(+)-diphthamide ADP-ribosyltransferase, 2.4.2.36, Diphtheria toxin fragment A, Diphtheria toxin fragment B, DTX

**Dilution**

IHC-P ~ ~ N/A  
IHC-F ~ ~ N/A  
IF ~ ~ 1:50 ~ 200  
ICC ~ ~ N/A  
E ~ ~ N/A

**Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

**Diphtheria toxin fragment B Polyclonal Antibody - Protein Information**

**Name** DTX

**Function**

Diphtheria toxin, produced by a phage infecting *Corynebacterium diphtheriae*, is a proenzyme that, after activation, catalyzes the covalent attachment of the ADP ribose moiety of NAD to

eukaryotic elongation factor 2 (eEF-2). Fragment A is the catalytic portion responsible for enzymatic ADP-ribosylation of elongation factor 2, while fragment B is responsible for binding of toxin to cell receptors and entry of fragment A.

### **Diphtheria toxin fragment B Polyclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### **Diphtheria toxin fragment B Polyclonal Antibody - Images**