抗人DXO多克隆抗体

Anti-Human DXO Polyclonal Antibody

货号：RB9T37037448

在您使用本产品前请认真阅读说明书，这对您顺利完成实验很有帮助。

产品编码 RB9T37037448	中文名称 抗人DXO多克隆抗体
英文名称 Anti-Human DXO Polyclonal Antibody	
形态 Liquid	内毒素水平 Please contact with the lab for this information.
应用 ELISA, IHC, WB	
登录号 O77932	宿主种属 Rabbit
克隆性 Polyclonal	抗体亚型 IgG
纯化方式 Purified by antigen affinity column.	种属反应性 Human, Mouse, Rat
靶标 5'-3' exoribonuclease DXO, DOM3L, DOM3Z, DXO, DeNADding enzyme DXO, Decapping and exoribonuclease protein, Dom-3 homolog Z, EC:3.1.13.-, EC:3.6.1.-, NAD-capped RNA hydrolase DXO, NG6	免疫原 E. coli - derived recombinant Human DXO (Thr31-Lys396).

产品使用说明

ELISA:1:5000-1:20000;IHC:1:50-1:500;WB:1:500-1:2000

背景信息

Decapping and exoribonuclease protein (DXO) is a ~44 kDa protein. Decapping enzyme for NAD-capped RNAs: specifically hydrolyzes the nicotinamide adenine dinucleotide (NAD) cap from a subset of RNAs by removing the entire NAD moiety from the 5'-end of an NAD-capped RNA. The NAD-cap is present at the 5'-end of some RNAs and snoRNAs. In contrast to the canonical 5'-end N7 methylguanosine (m7G) cap, the NAD cap promotes mRNA decay. Preferentially acts on NAD-capped transcripts in response to environmental stress. Also acts as a non-canonical decapping enzyme that removes the entire cap structure of m7G capped or incompletely capped RNAs and mediates their subsequent degradation.

1. Jiao, X. et al. (2017) Cell 168, 1015-1027.e10. PMID: 28283058
2. Grudzien-Nogalska, E. et al. (2019) Nature chemical biology 15, 575-582. PMID: 31101919
3. Picard-Jean, F. et al. (2018) PloS one 13, e0193804. PMID: 29601584
4. Doamekpor, SK. et al. (2020) Nucleic acids research 48, 6136-6148. PMID: 32374864

储存缓冲液

0.01M PBS, pH 7.4, 50% Glycerol, 0.05% Proclin 300.

For research use only