

Product datasheet

Anti-DP1 antibody ab52241

1 图像

概述

产品名称	Anti-DP1抗体
描述	兔多克隆抗体to DP1
宿主	Rabbit
特异性	ab52241 detects endogenous levels of total DP1 protein.
经测试应用	适用于: ELISA, WB
种属反应性	与反应: Human
免疫原	Synthetic peptide derived from human DP1.
阳性对照	HeLa cells.

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
存储溶液	Preservative: 0.02% Sodium Azide Constituents: 50% Glycerol, PBS (without Mg ²⁺ and Ca ²⁺), 150mM Sodium chloride, pH 7.4
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab52241** in the following tested applications.

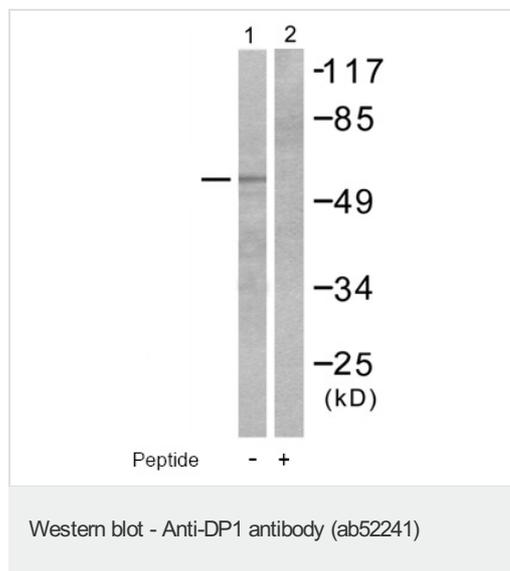
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
ELISA		1/10000.
WB		1/300 - 1/1000. Detects a band of approximately 55 kDa (predicted molecular weight: 45 kDa).

靶标

功能	Can stimulate E2F-dependent transcription. Binds DNA cooperatively with E2F family members through the E2 recognition site, 5'-TTTC[CG]CGC-3', found in the promoter region of a number of genes whose products are involved in cell cycle regulation or in DNA replication. The DP2/E2F complex functions in the control of cell-cycle progression from G1 to S phase. The E2F-1/DP complex appears to mediate both cell proliferation and apoptosis.
组织特异性	Highest levels in muscle. Also expressed in brain, placenta, liver and kidney. Lower levels in lung and pancreas. Not detected in heart.
序列相似性	Belongs to the E2F/DP family.
翻译后修饰	Phosphorylation by E2F-1-bound cyclin A-CDK2, in the S phase, inhibits E2F-mediated DNA binding and transactivation.
细胞定位	Nucleus.

图片



All lanes : Anti-DP1 antibody (ab52241) at 1/300 dilution

Lane 1 : HeLa cell extract; without peptide

Lane 2 : HeLa cell extract; with peptide

Predicted band size: 45 kDa

Observed band size: 55 kDa

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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