


Anti-Transcription factor AP-2-alpha antibody ab52222

★★★★★ [8 Abreviews](#) [27 References](#) [画像数 2](#)

製品の概要

製品名	Anti-Transcription factor AP-2-alpha antibody
製品の詳細	Rabbit polyclonal to Transcription factor AP-2-alpha
由来種	Rabbit
アプリケーション	適用あり: ELISA, WB, IHC-P
種交差性	交差種: Human 交差が予測される動物種: Mouse, Rat, Chicken 
免疫原	Synthetic peptide corresponding to Human Transcription factor AP-2-alpha. Database link: P05549
特記事項	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle.
バッファー	pH: 7 Preservative: 0.02% Sodium azide Constituents: PBS, 50% Glycerol, 0.87% Sodium chloride
精製度	Without Mg+2 and Ca+2 Immunogen affinity purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

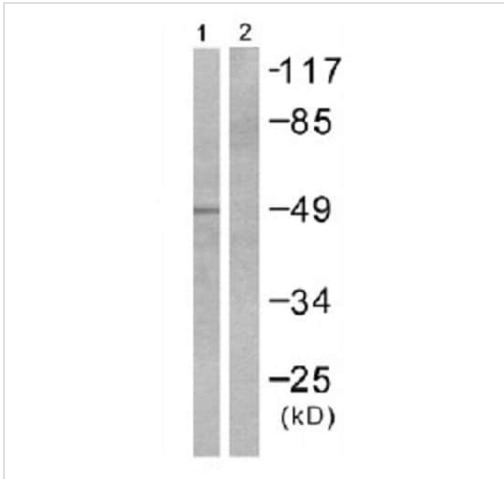
The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab52222の使用に適用されます**
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
ELISA		Use at an assay dependent concentration.
WB	★★★★★ (2)	1/500 - 1/1000. Detects a band of approximately 48 kDa (predicted molecular weight: 48 kDa).
IHC-P	★★★★★ (2)	Use at an assay dependent concentration.

ターゲット情報

機能	Sequence-specific DNA-binding protein that interacts with inducible viral and cellular enhancer elements to regulate transcription of selected genes. AP-2 factors bind to the consensus sequence 5'-GCCNNNGGC-3' and activate genes involved in a large spectrum of important biological functions including proper eye, face, body wall, limb and neural tube development. They also suppress a number of genes including MCAM/MUC18, C/EBP alpha and MYC. AP-2-alpha is the only AP-2 protein required for early morphogenesis of the lens vesicle.
関連疾患	Defects in TFAP2A are the cause of branchiooculofacial syndrome (BOFS) [MIM:113620]; also known as branchial clefts with characteristic facies, growth retardation, imperforate nasolacrimal duct, and premature aging or lip pseudocleft-hemangiomatous branchial cyst syndrome. BOFS is a rare autosomal dominant cleft palate craniofacial disorder with variable expressivity. The major features include cutaneous anomalies, ocular anomalies, characteristic facial appearance (malformed pinnae, oral clefts), and, less commonly, renal and ectodermal (dental and hair) anomalies.
配列類似性	Belongs to the AP-2 family.
ドメイン	The WW-binding motif mediates interaction with WWOX.
翻訳後修飾	Sumoylated on Lys-10; which inhibits transcriptional activity.
細胞内局在	Nucleus.

画像



Western blot - Anti-Transcription factor AP-2-alpha antibody (ab52222)

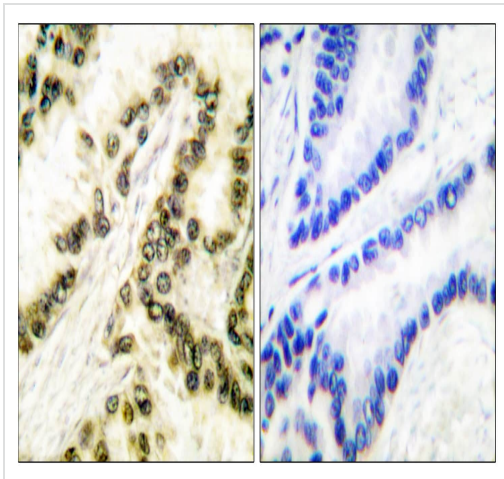
All lanes : Anti-Transcription factor AP-2-alpha antibody (ab52222) at 1/500 dilution

Lane 1 : COLO 205 (Human colon adenocarcinoma cell line) extracts

Lane 2 : COLO 205 (Human colon adenocarcinoma cell line) extracts with immunizing peptide

Predicted band size: 48 kDa

Observed band size: 48 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Transcription factor AP-2-alpha antibody (ab52222)

Immunohistochemical staining of paraffin embedded human breast carcinoma tissue using ab52222.

Left: - peptide. Right: + peptide.

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