

Product datasheet

Anti-Vitellogenin antibody [ND-3G6] ab36794

★★★★☆ 1 Abreviews 画像数 2

製品の概要

製品名	Anti-Vitellogenin antibody [ND-3G6]
製品の詳細	Mouse monoclonal [ND-3G6] to Vitellogenin
由来種	Mouse
アプリケーション	適用あり: IHC-P, ELISA, WB
種交差性	The monoclonal antibody ND-3G6 binds with high affinity to vitellogenin from Japanese quail (<i>coturnix japonica</i>), common tern (<i>Sterna hirundo</i>) and barn swallow (<i>Hirundo rustica</i>). The antibody also cross-reacts with vitellogenin from other bird species, including American kestrel (<i>Falco sparverius</i>), zebra finch (<i>Taeniopygia guttata</i>) and domestic chicken (<i>Gallus gallus</i>). The degree of cross-reactivity differs between species and with the methods employed.
免疫原	Mixture of Vitellogenin from Japanese quail (<i>coturnix japonica</i>), common tern (<i>Sterna hirundo</i>) and barn swallow (<i>Hirundo rustica</i>).

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). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	Preservative: None Constituents: BSA
精製度	Protein G purified
ポリ/モノ	モノクローナル
クローン名	ND-3G6
アイソタイプ	IgG1
軽鎖の種類	kappa

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab36794** in the following tested applications.

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

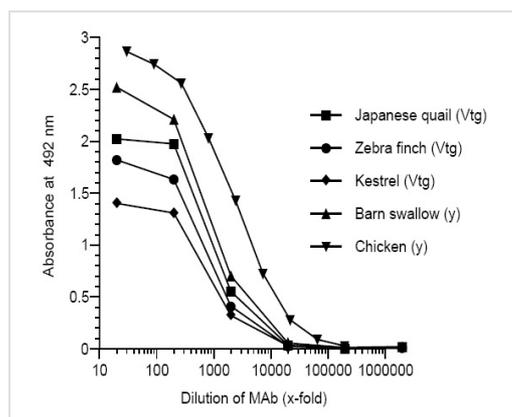
アプリケーション	Abreviews	特記事項
IHC-P	★★★★☆	Use at an assay dependent concentration.
ELISA		1/100 - 1/1000.
WB		1/50 - 1/500.

ターゲット情報

関連性 Vitellogenin (Vg) is an egg yolk precursor protein expressed solely in female fish and is dormant in male fish, but in the presence of estrogenic EDCs, male fish can express the Vg gene but in a dose dependent manner. The use of Vg gene expression in male fish can be used as a molecular marker of exposure to estrogenic Endocrine Disrupting Chemicals (EDCs).

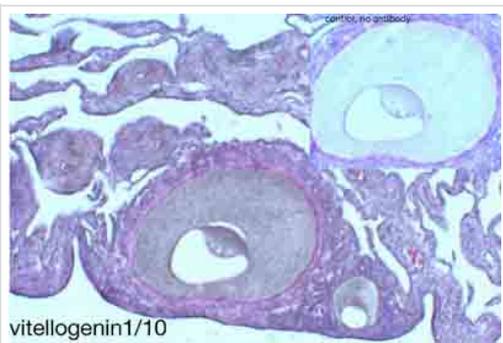
細胞内局在 Secreted

画像



Coating: Purified Vtg (2 µg/ml) or egg yolk (y; diluted 1:500). Primary antibody: ND-3G6

ELISA - Anti-Vitellogenin antibody [ND-3G6]
(ab36794)



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Vitellogenin antibody [ND-3G6] (ab36794)

Image courtesy of Dr Peter Wooding by Abreview.

ab36794 staining Vitellogenin in chicken ovary sections by Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections).

Tissue was fixed in formaldehyde, blocked using 1% BSA for 30 minutes at 20°C, then incubated with ab36794 at a 1/20 dilution for 20 hours at 4°C. The secondary used was a 5nm Gold conjugated goat anti-rabbit polyclonal used at a 1/40 dilution. Counterstained with HandE.

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