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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-ractopamine [AC2] Standard Size Ab04225-23.0

Isotype and Format: Rabbit IgG, Kappa

Clone Number: AC2

Alternative Name(s) of Target: 4-(1-Hydroxy-2-{[4-(4-hydroxyphenyl)butan-2-yl]amino}ethyl)phenol;
RAC

UniProt Accession Number of Target Protein:

Published Application(s): CLEIA, ELISA

Published Species Reactivity: Specie independent

Immunogen:

Specificity: The antibody is specific for ractopamine. The antibody does not cross react with clenbuterol, mabuterol, terbutanline, adrenalin, chloramphenicol and enrofloxacin.

Application Notes: The specificity of the original format of the antibody was confirmed by ELISA analysis (CN103160515B). The single-chain variable fragment of the antibody conjugated to alkaline phosphatase (asFv-AP) fusion protein was used for the development of a rapid, sensitive chemiluminescent enzyme immunoassay (CLEIA) and direct competitive CLEIA for ractopamine (IC₅₀= 0.25 ng/mL, LOD= 0.02 ng/mL, working detection range = 0.05-1.45 ng/mL) (Dong et al., 2012; PMID: 22769009).

Antibody First Published in: [PMID:](#)

Note on publication:

Product Form

Size: 100 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Concentration: 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.