



Rabbit Anti-Clenbuterol Polyclonal antibody (CABT-L5119)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rabbit anti-Clenbuterol Polyclonal antibody
Immunogen	Clenbuterol-BSA
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	N/A
Purification	Purified by DEAE column chromatography
Conjugate	Unconjugated
Applications	ELISA
Format	Liquid
Concentration	Lot specific
Buffer	Supplied in 0.015 M KPO ₄ , 0.85% NaCl, pH 7.4, with 0.1% sodium azide added as preservative
Preservative	0.10% sodium azide
Storage	Maintain at -20°C for up to 12 months. Avoid repeated freeze-thaw cycles. Store product undiluted.
Ship	Wet ice

BACKGROUND

Introduction

Clenbuterol belongs the group of β -agonists. Due to its function of improving the meat ratio in fattened animals and accelerating the growth, it is widely used in feed. However, Clenbuterol is prohibited in most countries as its residue may cause serious side effects, such as abnormal heart rate and heart disease. In addition to its lipolytic and anabolic effect, Clenbuterol has a relaxing effect on non-striated musculature, on which its therapeutic employment as an antiasthmatic and a tocolytic agent is based. When employed as a fattening adjuvant, in comparison with the therapeutic use, Clenbuterol is administered with 5 to 10 times higher dose. Therefore, it is possible that Clenbuterol residues, after use in illegal practice, may lead to a risk for consumers.

Keywords

Clenbuterol; 1-(4-amino-3,5-dichlorophenyl)-2-(tert-butylamino)ethanol; Spiropent; Ventipulmin; (RS)-1-(4-amino-3,5-dichlorophenyl)-2-(tert-butylamino)ethanol; planipart; D9-Clenbuterol; Monore; dl-Clenbuterol; Monores; P 5369; (RS)-Clenbuterol