Datasheet for ABIN916779

anti-Streptavidin antibody (HRP)

Go to Product page

1 Publication

Overview

Quantity:	100 µL
Target:	Streptavidin
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Streptavidin antibody is conjugated to HRP
Application:	ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Recombinant Streptavidin
Isotype:	IgG
Cross-Reactivity:	Human
Cross-Reactivity (Details):	Streptavidin
Purification:	Purified by Protein A.

Target Details

Target:	Streptavidin
Abstract:	Streptavidin Products
Background:	Synonyms: SA protein, SA V1, SA V2, Streptavidin V1, Streptavidin V2, SAV1_STRVL.

Target Details

Background: Streptavidin is biotin-binding protein that was originally isolated from Streptomyces avidinii. In contrast to avidin, streptavidin has no carbohydrate and has a mildly acidic pI of 5. Streptavidin products use a recombinant form of streptavidin having a mass of 53,000 daltons and a near-neutral pI. Streptavidin is a tetrameric protein, with each subunit binding one molecule of biotin with affinity similar to that of avidin. Guanidinium chloride will dissociate avidin and streptavidin into subunits, but streptavidin is more resistant to dissociation.

Application Details

Application Notes:	IHC-P 1:200-400 IHC-F 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Handling Advice:	Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months

Publications

Product cited in:	Wang, Li, Zhang, Li, Yue, Zhang, Zhao, Wang, Duan, Li, Duan: "Caspase-1 inhibitor ameliorates experimental autoimmune myasthenia gravis by innate dendric cell IL-1-IL-17 pathway." in: **Journal of neuroinflammation**, Vol. 12, pp. 118, (2016) (PubMed).

