ARG58550
anti-CTRB1 antibody

Package: 50 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes CTRB1
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Cow, Dog, Gpig, Hrs, Pig, Rb
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	CTRB1
Species	Human
Immunogen	Synthetic peptide around the middle region of Human CTRB1. (within the following sequence: FKNPKFSILTVNNDITLLKLATPARFSQTVSAVCLPSADDDFPAGTLCAT)
Conjugation	Un-conjugated
Alternate Names	CTRB

Application Instructions

Predict Reactivity Note	Predicted homology based on immunogen sequence: Cow: 93%; Dog: 100%; Guinea Pig: 86%; Horse: 86%; Mouse: 93%; Pig: 100%; Rabbit: 93%; Rat: 93%

Application table

Application	Dilution
WB	0.2 - 1 µg/ml

Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.
Positive Control	Human muscle

Properties

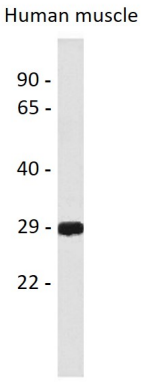
Form	Liquid
Purification	Affinity purified.
Buffer	PBS, 0.09% (w/v) Sodium azide and 2% Sucrose.
Preservative	0.09% (w/v) Sodium azide
Stabilizer	2% Sucrose
Concentration	Batch dependent: 0.5 - 1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

	before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	CTRB1
Gene Full Name	chymotrypsinogen B1
Background	This gene encodes a member of the serine protease family of enzymes and forms a principal precursor of the pancreatic proteolytic enzymes. The encoded preproprotein is synthesized in the acinar cells of the pancreas and secreted into the small intestine where it undergoes proteolytic activation to generate a functional enzyme. This gene is located adjacent to a related chymotrypsinogen gene. This gene encodes distinct isoforms, some or all of which may undergo similar processing to generate the mature protein. [provided by RefSeq, Jul 2016]
Calculated Mw	28 kDa

Images



ARG58550 anti-CTRB1 antibody WB image

Western blot: Human muscle lysate stained with ARG58550 anti-CTRB1 antibody at 0.2 - 1 µg/ml dilution.