

Anti-AIF1 antibody (1-147) (STJ22554)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/ELISA
Host / Source	Rabbit
Reactivity	Human

PRODUCT PROPERTIES

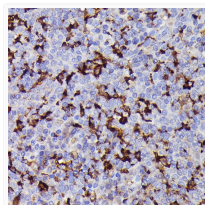
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:5000 IHC-P:1:50-1:200 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 17kDa Observed Mw: 17kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

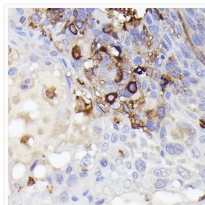
Gene ID	199
Gene Symbol	AIF1
UniProt ID	AIF1_HUMAN
Immunogen Region	1-147
Immunogen Sequence	MSQTRDLQGGKAFGLLKAQQ EERLDEINKQFLDDPKYSSD EDLPSKLEGFKKEYMEFDLN GNGDIDIMSLKRMLEKLGVP KTHLELKKLIGEVSSGSGSET FSYPDFLRMMLGKRSAILKM ILMYEEKAREKEKPTGPPAK KAISELP
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-147 of human AIF1/IBA1 (NP_001614.3).

ADDITIONAL INFORMATION

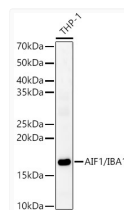
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Immunohistochemistry analysis of paraffin-embedded Human tonsil using AIF1/IBA1 antibody (STJ22554) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded Human esophageal cancer using AIF1/IBA1 antibody (STJ22554) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Western blot analysis of THP-1, using AIF1/IBA1 antibody (STJ22554) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 180s.